Greenwich 'let down' over river crossing

GREENWICH council and the newly-formed Thamesmead Trust - the private company set up to take over the Greater London Council's responsibilities in Thamesmead - have clashed over the controversial plans for an east London river

The long inquiry into the road scheme (today will be day 110) has heard Greenwich council

violently oppose the proposal. But the local authority has felt let down by the new trust, whose board has chosen not to back the council's fight.

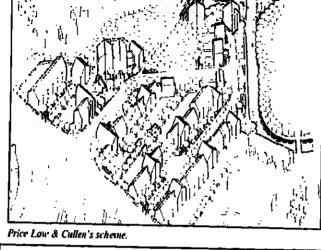
While Greenwich has nighed over the wider environmental effects of the roud (which will link the MII to the A2), Thomesmead Trust is looking purely at the potential benefits to the new town.

The trust's chairman, Clive Thornton, told BD that he wanted "to secure the best possible deal for Thomesmead" His view is that the improved access will improve job prospects, and put the town "on the

Greenwich argued that the environmental costs of the proposals are 100 severe — including the demolition of 230 homes, damage to a conservation woodland, and widespread pollution

Traders going up-market

ARCHITECTS Trelicarne & Norman Preston and the Hubbard Ford Partnership are working on a scheme for redevelopment in Petticoat Lane. The area totals around 45,000sq m and will be for mixed use. A planning application is expected to reach Tower Hamlets next

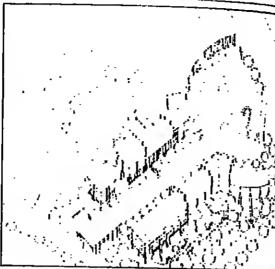


Two new housing developments have been onnounced for Thamesmead. Price Low & Cullen, withdeveloper Roger Maleolin, have non a design tender competition with a scheme for

GLC in January. The three ather finalists were Colqubonn & Miller, Darbourne & Darke und Peter

A second scheme - Manue Close — a tha site in north Humesmead, has been won by Allton Keynes orchitects Trevor Denton and Way-lond Tunicy, also with Roger Mal-colm as dereleper. Essentially a formal development,

the scheme is bused on a sweeping south-focing crescent of 40 houses. It is combined with a commercial/ community derelopment in the nerthern part of the site, including a shop, guest houseand cruft homes—o relotirely new concept providing both accommodation and worh space.



Save has stressed that the loss of the Mappin & Webb building — the variation proposed in the secure unlikely the City Corpor— to want the schemes to come strong apposition lobby. Besides Save, the Voi secure unlikely the City Corpor— Society is understood to the schemes to come strong apposition lobby. Besides Save, the Voi secure unlikely the City Corpor—

are once again being urged by conservationists to oppose Peler Painmbo's plans for the Mansion House area.

James Stirling's two alternatives for No I Poultry - the successor schenie to the Mies plan for Mansion House Square — were this week dismissed as "of no particular interest or merit" by Save Britain's Heritage.

By Lewis Blackweil

The group has written to City architect and planner Stuart Murphy insisting that Victorian froninges that Palumbo and Stirling want to deniolish should

They argue that the buildings are "one of the best surviving groups of Victorian commercial buildings in the City. They form a unique and irreplaceable piece of historic townscape".

Save secretary Ken Powell added that the better features of Stirling's opproach - such as having shops at ground floor—were included in the scheme
Terry Farrell drew up for their
fight against Mansion House

practising profession, with Peter Jones, former GLC chief archi-

sor John Tarn represents educa-

tion, with Hans Haenlein, head

of the South Bank Polytechnic

Professor Denys Hilton, past

chairman of Arcuk, represents

competent authorities, with lan

Urquhart from the DoE as his

Liverpool University profes-

tect, as his alternative.

UK architects picked for **Euro education committee**

LEADING British architects house & Ripley represents the have been appointed to a European Commission advisory committee on architectural

The committee is to eosure standards of education and training for architects throughout the Community, and the architecture school, as his alter-Government has nominated nate. three principals plus three

FOOTING WITH FRANKY THE TREAKH.

David Waterhouse of Water-

3



aliemate.

AMERICANS are to get their own equivalent of Pevaner's Buildings of Englandsenes—but how they are to be commonly

known is not yet clear.
Co-editors Adolf K Placzek
and William H Pierson Jr plan to release about five volumes a year of the 70-volume The Buildings of the United Stotes, beginning in 1988.

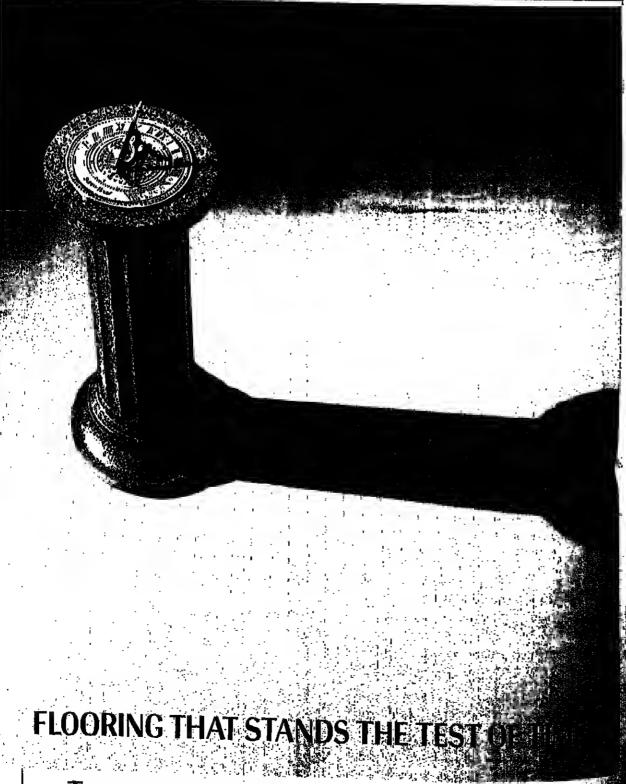
There will be one volume per state, plus one each for 20

Ruilding Design, London SE18, Svery Friday, Copyright 1986 Morgen Grampian p The contents of Building Dealing are subject.

scheme was much more interest- of the Mappin & Webb building before planners next mouth, it ing," said Powell. "Really we just feel that after nil the fuss, these new schemes are terribly

"We should have something better for this crucial site."

- the variation proposed in the seems unlikely the City Corporlower-rise Stirling alternative — ation committees will pass it back to the planners before the Georgian Group hat seems less resolved on out-andconservationist lobby will have taken by its conserva-Although Palumboisthought worked hard to assemble a colleagues.



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Company

The weekly newspaper for the design team

Schools pledge to defy Baker

to face a High Court challenge to his decision to stop intakes to Huddersfield and North East London Polytechnic schools of architecture. Both schools pledged this week to defy the

directive that intakes to first year courses should

Lawyers are being consulted on the ease for taking Baker to court, claiming that he acted

EDUCATION secretary Kenneth Baker is likely unreasonably, after unjustifiable delay, and that there has been grave maladminsitration within the Department of Education & Science.

And even if the legal challenge fails, the schools are determined to continue with intakes of overseas students, effectively going private Meanwhile, the processing of home students who have accepted offers for the threatened courses

Shock confession by Patrick Jenkin

a Selfert scheme for London's Docklands has been fuelled by an aston-Ishing revelation about how the DoE overturned its own inspector's declsion that the development should not proceed.

Former environment secretary Patrick Jenkin, in whose name the Limehouse Basin permission was issued, has now claimed that he had no involvement in it.

In two letters to a constituent. Jenkin has outlined how the decision was taken and the story is certain to provoke Parliamentary questions from opponeots of the development, by Huntingale Homes, who ioclude MPs David Owen and

In May, Jenkin wrote to the constituent and sald: "I did not actually handle the Limehouse Basio application myself - I was out of the office when the decisioo fell to be made and it was taken by someone elsein my parlment.

He went on to say that he had discussed the scheme with officials "at an earlier stage" and had thought it should not be lurned down.

But in a further letter this month, Jenkin gives a fresh reason for the fact that he did not make the decision himself (it was In fact taken by junior minister Neil Macfarlane)

He claims that it was because he knew "and indeed had met" two of the principal promoters of nn alternative scheme and:"It

circumstances for me to have taken any purt in the final At the launch of the petition,

But these were not commereial developers submitting a rival scherae, but a Cambridge student and academic, Michael Mallison and Dalibor Vesely,

By BD Reporter

who gave Jenkin a copy of an "alteroative" design, produced after the inquiry by people at the Cambridge school.

This scheme was not the subject of a planning applica-

Supporters of the Limehouse Petition, launched last week in a bid to stop the existing proposals, were asking this week wby Jenkio had not personally taken the decision on the

The group said it was "utterly shameful" that Jenkin should be "out of the office" wheo the decision was made — wheo the ioquiry report bad been on his desk for 14 months.

designs amended.

And members of the Lime-

house Development Group, which has published the petition

with the Town & Country

Planning Association, are still

hopeful that pressure may be

brought to bear on the London Docklands Development Cor-

poration and on the landowner,

British Waterways Board,

Limehouse applicatioo, a major Restram paga 2, Comment page 9



out Soho

Westminster planners are succeeding in their clamp-down on seedy Soho, but efforts to reseed with up-market new devalopments are not assured of finding favour.

For exomple, this infili proposal on Fritb Street by local orchitects Thompstone Wintersglit Faulthauth, for rebuilding Friths restauraot with offices and light industrial above, goes to plaoning committee oext Toesday corrying o recommendation for refusal from city planner James Thomas.

doo'i object, the mix of uses is acceptable, bot apparently the expressed structure is rather outre,

sozaki show

THIS year's RIBA Gold Medallist Arata Isozaki is to get his first major British exhibition at

opening on July 7.

new promises".

PLANS to start moving the versial scheme to turn the is that asbestos has been found RIBA companies out of 66 Institute headquarters into an in a building that RIBA Maga-Portland Place are being postponed for up to two years, for the Drawings Collection. spelling delay for the contro-

The reason given for the delay

Shops come under fire

THE Royal Fina Art Commission this week called for a major improvement in shop design and the high street onvironment.

In a naw departura, the RFAC has published Design In The High Street, a galde to what is wrong with Britain's high streets and bow they could be improved, written by Gordon Michell.

Local authorilles are blamed for not exercising sufficient "visionand insight", and traders and davelopers are also attacked. Commission chairman Norman St John Stovas says that high streets "have been allowed to become the setting for a visual shouting match".



Westminster planners are succeeding SDP leader Dr Owen called on opponents of the scheme to use every blocking tuctic to get the

Thomas.

Censervatiooists the Sobe Society



and TWF should have copied the windows punched in the focusies of the ouring, rather inferior build

Bob Thompstene said the recom-mendation appeared to be purely on aesthetic grounds, ood his ellent would appeal if refused.



the Barbican

THE second Architex exhibition opened at the Barbican on Wednesday, and runs until this evening. Among attractions have been the sight of City and London Docklands planners pitching their development opportunities against each other to the property and design professionals at seminars.

Work boom

for private

architects

statistics reveal.

ARCHITECTS in the private

In the first three months of the

year commissions rose by 15.3

per cent and production draw-

ings were up by a staggering 37.7 per cent on the end of 1985.

Year-on-year, commissions

were up nearly 10 per cent and

production drawings were up 32

For the 13th successive quar-

ter private urchitectural em-

ployment ruse. It is up hy 1.5 per

The long-term view on the

hoom is provided by the 27.5 per

cent increase in the value of

work certified by architects

during 1985, while building

output rose by only 6.3 per cent.

And the National Economie Development Office forecast

this week that commercial

buildings would lead the re-covery of the construction

industry, with output back to the 1979 peak by 1988.

Nedo projects a growth of 15 per cent in the sector.

Architex at

sector ore enjoying aboom time, the latest RIBA workload



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ROSTRUM 2, News 3-8 and 40, Infili 9 Comment 9, Letters 10-11, News In pictures 12, Perspective 14, Scorpio 15, SAGs 15, Legal 16, Features 18-21, New products 22-24, Eastress 26, Diffeline 27, Courses 28-29, Products

Designer habit

D-day in Docklands

A new stage in the battle to save Limehouse Basin from what local paopla consider totally

inappropriate development took placa last week, with the launch of the Limehouse Petition.

backed by architects community groups and local MPs Peter Shore and David Owen. Architect

Peter Phippen reviews here the reasons why tha proposals have aroused such angar.

WE are about to witness an act of grosa urban vandalism which, if it applied to the natural environment, would be greeted with howls of protest countrywide.

I refer to the proposed redevelopment of Regents Canal Dock, or Limehouse Basin, by Huntingate Homes and Seifert, with the backing of the former secretary of state, Patrick

These may be strong words, but il cannot be emphasised enough that we are talking about a unique piece of our heritage — unique in its own way as Coveni Garden and equally worthy of regeneration for the benefit of local residents and the public at large.

That this is occurring despite the panoply of planning legislation, public participation. consultation and every other facet of the planning machine design to ensure that the right thing gets done. There are at Icasi two bodies involved who have a measure of public responslbility, nomely the British

Waterways Board and the London Doeklands Develop- viaduct of old Docklands rail- inland waterway network — adjnining the Limehouse Cut conni and overlooking the river ment Corporation. imagination to see this quay Despite this, the then seerelary of state Patrick Jenkia rctained and exploited for useby overruled his inspector, and the public and equally little or no imagination to imagine the construction is commenciag on a scheme which shows a total enhancement of the viaduct by lack of awareness of the needs of the use of the arches with taller

the neighbourhood, the needs of

With ADT fire comes first!

local people and perhaps even The basin is marvellously more blatantly of the physical situated in terms of communicarealities of the site. tions, being at the north-east end One only has to view the basin of the Rotherhithe Tunnel, to feel a strong sense of place. It having the ocw Docklands Light is protected, enclosed, irregular Railway runaing along the and intriguing in shape with a existing listed Victorian viaduel long quay facing due south with on its north side adjoining the a view over the basin and to the A23 and, most importantly, There is amplespace for housing

buildings constructed behind it.

Section through North Quay showing shopping mail and viaduct.

way. It needs little or no namely to the River Lee navigation and to the Grond Union

> The area is unique. A place which could so easily become an attraction for locals and visitors alike with the exploitation of the quayside to create a promenade and the creation of shopping and exhibition space adjoining the north quay. A place which with the adjoining Ropemakers Fields could cater for a variety of recreational tastes including water sports and other indoor and outdoor leisure pursuits.

count and overlooking the river and fur workshops and offices on the south side of the hasin.

Good living conditions and employment and a unique area for recreation cuuld be created at one fell swoop given the will, given the full use of existing powers to acquire areas of land beyond the immediate confines of the basin, and the pursuonce of entightened planning policies by the LDDC and Tower Hamlets.

Instead of this potentially magical mix, we have proposals to fill in nearly half the basin using, ironically, public money

Construction is stating a scheme for Covent Garden's all pressure must be broom. Lyceum Theatre promises to prevent them going about return the famous venue to "its their present form. It mayed former architectural glory" possible to prevent coasted while providing London with a taking place by Huntingsted it may be possible to ear chonges which miligate its:

The new proposal by a secret consortium led by Stephen Hetherington, plans to restore and modernise the theatre to provide an auditorium seating over 2,000 with full technical and rehearsal facilities.

The Grade it-listed theatre, largely rebuilt in 1912, has been leased to Mecca for use as a ballroom. Mecca was negotiat-

Copies of the pelition, pixets ballroom. Mecca was negotiatovallable from the Limenesshing with the Grester London opment Group, to Garford Res. Council—the freeholders—for Vincent Estate, London E1484 a long lease while the freehold wos to have passed to the Theatres Trust charily for £1 per

But the DoE refused to let the GLC's proposals go ahead, and the I heatre passed to the London Realduary Bady. The LRB says it is charged with getting maxi-mum commercial value from its property over and above any . artistic or historical considerations, and will be deciding on dispassl next month.

Hetherington told BD that architects at English Heritage would be involved at the outse The scheme retained the north quay af Limebouse Basin as a promount to ensure the highest possible created o letsure and shopping complex behind the viaduct. This was a directly by the new Docklands Light Railway with workshops and bed around the basin. standard of restoration. Other architects and designers would It exploited the unique qualities of the basin to create an offraction feb also be involved, he said.

people and for the public at large as well or providing employment and bod Mecca has been negot

Mecca has been negotiating with the LRB on a rival scheme with Kyle Stewart, a £5 million design-and-build proposal for the Lyceum's conversion into

This scheme bas had the informal approval af both Westminster council and the GLC's bistoric buildings division.

An LRB spokesman said it is waiting for see detailed proposals from Hetherington but a decision on the Lyceum'a future would be made in the next

THE Institute of South African Architects is facing a Union of International Archimajor split over how its leet's Warsaw Declaration on members work within the

special general meeting of the institute on July 7, has now involved the RIBA, which has been criticised for failing to respond to requests by the ISAA's more radical members Architects Against Apartheid want to see a real commitment. group for support.

The issue, to be resolved by a

Two letters from the group were received at Portland Place on February 3 and April 2. They went unanswered until June 19 the day before BD published a letter from Hans Schirmscher of Architects Against Apartheic criticising the RIBA president's

aparlheld syslem.

Schirmacher told BD that he wonders if the ISAA "has extended influence in the UK of which I was not aware".

RIBA president Larry Rol land's letter to Schirmache says that the RIBA Council "has een impressed with the work that the ISAA has tried to do in opposing apartheid. We are currently studying the ways the RIBA can most effectively help the situation and will be contin uing our discussions with the

The ISAA has called the sgm after mounting pressure from Architects Against Apartheid, eulminating in 160 members signing a petition for the meet

This will consider whether o not to change the codes of conduct to effectively forbid members working on Government projects or on schemes that in other ways support the apartheid system.

Hawkridge

tower tests

in the form of a dereica to land grant, and to build of and expensive flats which and expensive flats which and expensive flats which are socially occupied by comment to the City and the new grant chelons of management chelons of management to proposed scheme socially disastrous and are turnly in eps. It makes attempt to repair social and anternation to repair social and anternation is station to social s **ISAA** constitution

By BD Reporter this but both the UIA and the

> UIA senior vice-president, Rod Hackney said the RIBA could not "sit on the fence" while South African orehitects - who include mnny RIBA members — expected a lead from the institute.

involves adopting in the code the adopt the Warssw declaration ns well," said Hackney. "And perhaps it should be looking to human rights. The ISAA has see what sort of work its already affirmed its support for members do in South Africa. "The UIA resolution is quit

clear in opposing architects working, for example, in district six in Cape Town."

This district is a former residential area, mostly black, bulldozed to make way for while

Hackney said architects would be risking imprisonment by brenking the South African "state of emergency" laws. The RIBA should clearly back their cause, he said.

Staircase up for grabs

Does anyone want a staircase? This floot itolionois stoirwny, seen here to its former setting of the Broad Street Statton, is going begging.

Ballt to the 1860s by the first chief engineer for the Loodon North Western Region, William Baker, the marble areaded external stoircose was considered the only feature worth keeping when the station was denoished last year.

The stoircase was dismantled stone by stone lost September as part of the Broodgate development ofter Bovis bad carried out a survey for its reconstruction on another oppropriate site.

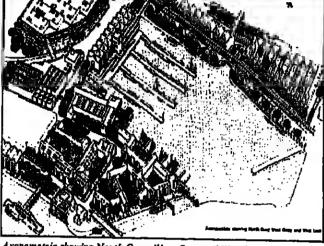
Neither the British Rollways Boardnor tho Rollway Heritage Trust hove been

bic to identify a suitobic rollway location and the pieces have been stored of a lack-up arch of Stenney.

ivan arenteet Rodney Toylor said: "It is useless to leave the staircase lying in pieces. It is better that it is rebuilt and is visible to lots of people,"

The Railway I leritage Trust will help the new owner transport the stairway to its new location. Anyone interested should get in touch with R Taylor, tel: 01-262 3232 (ext. 5882).

Enter 3 ON EXPRESS



Axonometric showing North Quay, West Quay and West Lock.

Pater Phippen of Phippea Rondall & Parkes was the directar to charge of an early acheme far Limchause Basin with Rae Hoffenberg and a public company. Davis Beiffeld & Everest were responsible far cost studies and Alan Baxter & Assaciotes odvised an structural matters. This was aborted because of the ill-defined nature af the competition for the site and the necessity to include land outside British Waterways Boerd ownership to create a satisfactory and vieble Save joins fight against Limehouse scheme

CONSERVATION group Save is backing opponents of develop-ment at Limehouse Basin in a report published this week, It

"The prospect now is of Limebouse being transformed, indeed altared beyond recogition, by large-scale devctopments which show no sympathy for the history, character or community of the area. The London Dockland Devolopment Corporation was set up in 1981 to encourage new development in London's Docklends, to secure and channel investment into the empty acres.

"It hae had great succass in thia task, but has often had to compromise on standards. This has been a buyer's market, with permission given to piecomeal development, often unrelated in styla and layout. New housing echemes range from the good and maginotive to the banal. News eraational's vast and blo printing works suggests at worst that the Docklands is a dumping ground for developments which could not be contemplated else-where, 'Fortress Wapping' replaced the magnificent 1800a warehouses of the London Docks, designed by D A Alexander.

"To tha other side of Limeoouse, the Canary Wharf schema is, of course, capable of transfor-ming the life of the East End and of much of south London. The schema would provide 10 million square feet of offices, housing 40,000 employees, and linked to the City by a new light railway now under construction. In the now under construction. In the Royal Docks area, yet further east, three schemes, totalling elx million square feet, have recently been made public. Apart from offices, there would be axhibition space, a science park, hotals, housing and shops. Total investment of up to £1,800 million is



Limehouse Basin — a "unique historic area". being discussed. The LDDC has inspactor's view that meni plans. appointed Richard Rogers as its davalopment" was the consultant for the devalopment of the whole Royal Docks area, which will be served by the naw Docklands airport.

"In this context, the Hunting-ate/Salfart proposals for Limehome look very small beer. They are, however, capable of ruining a unique historic area where small scale, community-based development is not only practical but highly desirable.
"One of Patrick Jankin's last

that recrealized would be lost, and buildings and structure compromised or observabuildings.
"At present, Hun

"At present, Human ways Board, has outling ways Board, has out a sion to build 100,000 sets of offices, together with pubs, a marina and 436 houses. around and will be a scheme is to cost

Wanamaker wins fight for Globe Theatre ACTOR-producer Sam Wana- start on site next summer.

maker this week woo his 15year fight to be able to build a its scheme for the reproduc reproduction of Shakespesre's tion outdoor thealre, an indoor Globe Theatre on the south theatre, pubs, restaurants and bank of the Thames.

An out-of-court settlemen on Wednesday ended litigation involving the Shakespeare Globe Trust, developer Derno Estates and the London borough of Southwark council.

The council was an all-round loser, agreeing to give the trust a 125-year lease on a 0.3ha site | issue quoted tenant groups next to Southwark Bridge, pay saying that engineers Bylander Derno £7.2 million compen sation for the failure to go ahead -with an earlier scheme, and to move within a year a roadsweepers' depot that has been used as a block to the develop-



acts, as Secretary of State for the scheme is to cost us people can anly hope to pay a visit, scheme is to cost us people can anly hope to pay a visit.

The new Surrey Docks Urban Farm opened yesterday with a processian of million. The result would be proceed in June spotlation of the basic commonplace and willing the RCD for the basic commonplace and willing the processian of the basic commonplace and willing the process. The new Surrey Docks Urban Farm opened yesterday with a processian of processian of the basic processian of the basic processian of the basic process. The new Surrey Docks Urban Farm opened yesterday with a processian of processian of the basic proces





Enter 2 ON EXPRESS ENQUIRY CARD

without a massive injection of extra funds.

A late challenge from outside

council is elways a possibility, and newly-knighted Sir Andrew

decision until August.

to press - sec page 13.

The L1S range of lintela includes inautetion es standard. So when you

end double galvanised (G800)

projection prevents corrosion

of the well for the calculation of thermal

Derbyshire has expressed some

own empty homes was so bad.

Detail from axonometric of revised Heron Quays scheme, sharing existing buildings (left).

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Expanding horizons

NICHOLAS Lucey Jobst & Hyett have revised the Heron Quays scheme in London Docklandsagain(pictured)the third time in as many years. The project has been redrawn to take account of the growth in demand for office

Since 1973, the schoine has grown by almost three times

By Alan Thompson

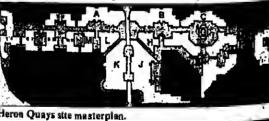
rom 54,000sq m to n massive

35,000sq m, from a maximum f seven storeys to 10, and from an original cost of £75 million to

About 13,500sq m of the site has already been built on and part of the Phase I development, shown on the extreme left of the drawing above, highlighting the difference in scale and design of the later scheme.

Although developer Tarnue Brookglade denies that the leighbouring Cannry Wharf project has influenced plans, his proposed £2 billion scheme

The complex, confine offices, business aparasess. Ints, hotel, shops and the Heron Quaya has undoubtedly done much to perimeter of before 1992, when the many edly done much to promote enterprise zone comes le





Wendy Savage, East Endconsultant obstatrician at the centre instatement, opened Poptar Play Centre in London Docklands Poptar Play Centre is the first purpose hull under five pin Hamlots, designed and built with the participation of instigated, and now manage the building. Architects and were Community Land Use with Ban Darhyshire and Walter Bird were structural engineers, David Balley Associates the John Paterson quantity surveyor, and male contractors J. L. Montre Land Land Land Land Research Poptage 1988 (1988).

Docklands

years ago, is considering his re-sponse to conneillors who want him to stand again. then have to wait and sec if any challenge comes from outside Legal challenge over **GLC** repair grants

RAY Cecil is the first candidate to declare himself for the succeeding Larry Rolland as

Camden's housing requisition call

Cecil stands for

RIBA presidency

"I don't sec myself standing on any one specific issue, or

By Maurice Cooper

epresenting any sectional or

David Rock and Raymond

Andrews have admitted they are

thinking of standing for the

for council nomination two

nomination, but are both still taking soundings.
Andrews, beaten by Rolland

political interest," Cccil told

COUNCILLORS on Camden's Labour con-trolled council have called for the requisition of

homes in private ownership for use by the

According to Camden's figures it has land to

build only 600 new homes and very little property

out by the Greater London Council for housing repeirs is to has now said that both lots of

date to declare himself for the naxt presidency of the RIBA.

The current practice vice-

chairman has decided to stand

for the council nomination as

senior vice-president after

being pressed to do so several

times in the past".
Other possibles are still

musing over the strength of their support and enthusiasm for the

Names of eandidates and

their 400 word statements of

intent must be lodged with the RIBA by July 7, with council

The senior vice-president will

extra workload.

voting on July 22.

be challenged by the London Residuary Body. The GLC handed over £75 million to Setman — a financial management company — two days before it was abolished.

The money was to be divided between 14 boroughs with ex-GLC housing stock and has ear-North elevotion, shewing rife thanked for defective roofs, bridge and (left) the edge of proposed Canary Wharf scare.

drains and to improve heating and accurity on estates.

But the money was frozen The construction of si continued buildings with the until the LRB received an opinion on its legality. A Satman spokesman said the interest the design can be talked the design can be talked. The continue of the continue of

money - £33 million that was originally to go to the Inner London Education Authority and £45 million that came from money not spent by other GLC committees - is legal. But desplic this latest opinion

LRB chief "Tag" Taylor says it will challenge £45 million of the payments, based on LRB's Own An LRB spokesman said he

would not divulge its case against Satman because this could ruin its chance of winning. The £33 million that the LRB

has not challenged will now be used to reimburse boroughs for

ings.
"The aim is to enable another

10 per cent of design work to be

department, bringing the total up to 70 per cent," said a county

It is also hoped to expan present computer facilities to

improve the pre-planning of the

department's mnintenance pro-

council spokesman.

Council considers taking on more staff

WITH a replacement programme for schools and social services establishments running maintenance of existing buildat £5 million, Essex council is considering employing more architects to speed up new

The county's estates and architectural services committee has agreed in principle to an Increase of 25 professional and administrative staff

County arehitect Alan Willis, has been asked to prepare detniled proposals for taking on

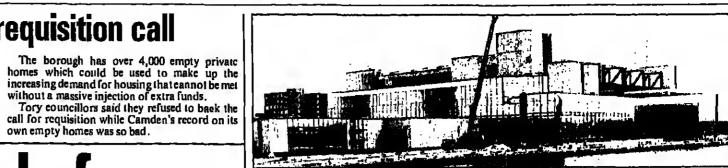
hemes and home improve-

Advice for the More honours Chancellor for architects

CHANCELLOR of the Ex-BERNARD Throp of Powall Moya, partner in charge of tha new Quean Elizabeth II interchequer Nigel Lawson is receivld help the construction gallonal: confarance, canira at Westminstar, was awarded as OBE in the Queen's Birthday The National Council of pilding Majerials Producers

Honoure List. Chairman Lacey, sagerinlend-Trastructure, partnership ing architect for the Property Sarvice Agency, was made a Lieujenani of the Victorian tent grants and to relieve the dustry's tax burden.

The borough has over 4,000 empty private homes which could be used to make up the



Fleet Street revival on the Isle of Dogs

While the print union dispute rages at the News International prioring works in Wapping, work on the new £30 millien Daily Telegraph printing works on the isle of Dogs is neoring completion (above).

But the building, by Watkins Gray Wilhinson Associates, due to start operations by October this year, could have its opening delayed until acceptable redundancy arrangements for News International employees are worked out ond set the precedent forpaying off the unwanted workforce in the old Telegraph building in Fleet Street.

The new Telegraph headquarters — which has a 2,700 tonne structural steel frome with an easy kneck-down side wall to allow for future expansion — has one of the leggest press table to Evoque at 3,600 cm.

Derbyshire, who was beaten by a similar bid from Owen Luder in 1981, will not make his

frome with an easy kneck-downside wall to allow for future expansion—has one of the largest press balls in Europe at 3,600sq m.

At its height of production the building is capable of churning out more than I milition copies every night. This figure is far beyond the Daily Telegraph's needs and it appears that the new owner, Conrad Bloch, with be tooking to sell a substantial omount of print time to other publications.

One publication that woo't be needing the Telegraph's services is the Guardian. Its own building, also by Wimpey but designed by Newman Levioson & Portners, is due to be finished in August. Work started last July on the £6.7 million building which is o stone's thrown woy from the Daily Telegraph building on Lighterman's Road. Peter Jones and Alan Groves told BD this week they would not be standing for the senior vicepresidency, after Scorpio went

Empty homes need carrots

BIGGER decoration grants and rent-free periods may be offered as inducements to people to take on nearly 2,000 homes which are standing empty in Wolver-

Some 2,500 pensioners are queueing for special homes (with only 105 available each year) and 4,000 families are sceking family homes (of which 700 n year are available).

Conneiltors have ordered a najor report on ways of making new tennacies more attractive.

Rivul Labour and Tory councillors are still rowing over who is to blame for the emply inusing.

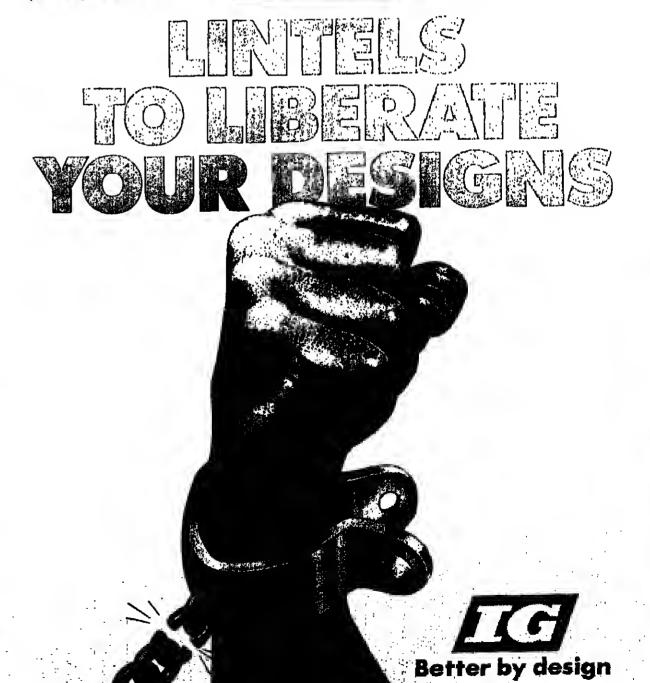
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scheme

TIBBALDS Partnership have won the backing of Bromley council for its major feasibility study on a site in the Kent

township.
The architects-planners have come out firmly against comprehensive redevelopment of an area around the station for which development proposals hsve gone to inquiry.

The council is set to take up the practice's recommendation for seting on "incremental availability" by seeking to buy ome of the land.

Tibbalds argue that the increments! approach will achieve s 'mellow townscape", and insist on resistance to large com-

mercial developments. Their report also ndvocates building no higher than four storeys, promotion of intricate design and layout with psrticular attention to roofscape, mellow materials and a pedestrian environment.

Doubling the money

PRIZE money for the third architectural design award sponsored by the Patent Glazing Conference has been doubled to

The eompetition is open to all UK architects for British buildings completed between January 1, 1985 and the end of 1986 and the closing date for entries is

Upper High Street, Epsom, Surrey KT17 4QY. (037 27)

Fire chief

MICHAEL Richardson is the new head of the Fire Research Station Advisory Section. He succeeds Frank Adams who has resolve apparently conflicting become a private consultant.

Government have clashed over their interpretation of the potential of urban land for housing.

New statistics published by the DoE on land use have been interpreted by Government ministers as demonstrating the scope for building homes in

But the National House-Building Council bas countered with its own study purporting to show that building homes in the inner city is not financially or socially justifiable, but is merely a reaction to conservation pres-

Research carried out for the NHBC by Coopers Lybrand examined the success of the urbsn development grant and development land grant seb-

This showed that the development land grants were much more successful in getting homes built - for each £ million of public money the UDGs produced an average of 129 homes whereas the DLG projects averaged 274 homes.

Coopers Lybrand found that inner urban sites - perhaps not nd the closing date for entries is anuary 31, 1987.

Entry forms from PGC, 13

sites on the edge of cities and towns. On such sites £1 million produced on average 120 homes, against 780 homes on a more desirable location. Neither grant scheme reduced pressure on greenfield sites.

The study concluded by suggesting a new grant scheme would be the best way to try and motives in the grant schemes.

Agents jump on Big Bang bandwagon

WITH one eye on the Big Bang, ehartered surveyors Drivers more traditional office space in Jonas have launched an "office strategy review" aimed at to areas like the Docklands, boosting the flagging profile of office accommodation.

Offices are often ill-suited section to the future needs of the elient say Drivers Jonas. A more naire, elients are offered a 'intellectual approach" la need- comprehensive service which ed to easure that space plan-ning, services, and the building's ate image, accessibility, and maintenance are catered for.

the centre of London, not move elaimed Jim Maguire, partner in their building aurveying services

After filling in a question

AMA report counters council housing claims

LOCAL authority housing has trols, but said there was distorted picture", claimed the Association of Metropolitan Authorities last week in its report Achievements in council

"Council housing is often portrayed as consisting entirely of decaying tower blocks oecu sied by pnach, who, if they only had the choice, would leave tomorrow," said AMA housing chairman Clive Betts.

'In fact only a quarter of local authority tenants live in purpose-built flats and only one in 20 live above the fifth floor. Most council tenants live in lowrise housing of traditional

2

housing that needed highlight-ing. The report is available from the AMA. Details: 01-222 8100.

Engineers meet

Title practical design of stone masonry will be discussed at an Institution of Civil Engineers' two-day conference in Sept-

Reinforced, prestressed and in reinforced masonry will all be under close scrutiny to help architects and engineers wantrise housing of traditional design."

He blamed the housing crisis on Government funding con-



"The better the quality of the dwelling and its surrounds, the increasing take up of urban sites lower the grant element will be for housing and s great potential and the greater the saving in undeveloped land. Therefore the objective of meeling the

By Lewis Blackwell

social needs of inner city areas is in direct opposition to conservation and high levels of east-

But the DoE is apparently oblivious to the blandishments of the housebuilders. Environ-ment minister, Lord Elton, speaking at the RIBA, launehed the Land Use Change in England for similar future development.

About 45 percent of land used for housing was recycled - but that still leaves 55 per cent being built on former greenfield sites. Overall, the survey showed

decreases in agneultural, fores-try and vseant land and increa-ses in land residential, recrealion, transport and utilities use. And while Elton promoted the ides of building to cities, the figures showed more than a

three-to-one preference among

housebuilders for using green

field sites agsiast urban land.



This is the Next look for kairdressing salons, as designed by David Bel

Associates.

The consultancy has carried out a complete design package—imal interior (below) right through to the packaging. A mixture of black and metal, marble, timber and frosted ginss is offset with flowers, present



Spa plan attracts Leamington councillors

CONTROVERSIAL plans to eonvert Lesmington Sps's 170-year-old Royal Pump Rooms into a private health centre have gained the bseking of council-

But the propossi from a local consortium, led by architect Ken Hitehman snd a surgeon, has angered opposition Labour MPs who claim it could recreate the luxury spa dsys of the town, eatering merely for the wealthy.

They want the council to retsin control of the building, which is said to be in danger of slipping into the river and needs more than £1 million of repsirs, rather than nllowing Hitchman's £4 million seheme to go

But the special working party has recommended the Hitchman scheme be chosen, in preference to four others sub-

South Africa style

practice, now called Levy Bonjamin Horovitck.

The 60-year-old Sack, who left South Africa last year, employed the young Levy oo projects in Joksnoesburg.

They agreed to work logether againjost before Levy died in Marck

They agreed to work together again lost octors Levy area in March this yesr.

Sack's former practice has recently completed the first phase in onew housing programme in Sowetoz for Da Beers. The scheme of 49 houses (picturad) is to develop homo ownership omoog the company's black workers, with the units being sold at cost price between R23,000 and R26,000.

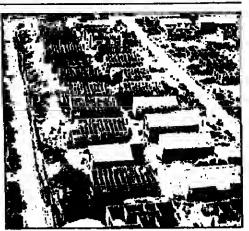
Three house type designs by Mooty Sack, Richard Crowhursi & Partners were offered to future restdents, involving a basic core with add-one companyets.

dd-so components.

They bayo tiled reefs and brick walls, providing two bedrooms,

livtog room, kitchen and batkroom. So far De Beers bas built 150 komes for sale to bisck workers.





Farrell

schemes

optimism

DoE reviews guidelines for development in London

design of London are being

drawn up by the DoE. protection of views, the siting of high buildings, and the

Thames us on omenity are ing assessed, he told the "Who among priorities fur a review of Plans London Now" conference the Greater Lundon Develop- at the RIBA. But the result will ment Plan, environment mini- include n statement on the ster Lord Eltun has revealed. Other priorities are still be- major planning in London.

Government's spproach tn

Greater London Council had cleared away planning red tape, and it was the Government's intention to keep it that way. The DoE did not intend

gnore red tape remaining i other paris of the planning Trevor Osborne, cheirman of

developer Speyhuwk, attacked the growth of political pressures on planning decisions in ki address to the conference. He said the planning system "has become the dustbin of all

He saw the City Corporation as a model authority in making fair planning judgments, at-

By Lewis Blackwell

advantage" that it was not "democratically elected".

He said political concerns brought a short-term perspec-tive to councillors' judgments. Often key plunning decisions were taken "outside the council chamber in political meetings . . . the system is used and abused by many".

Among suggestions he of fered to any review of the planning system was that "excessive public consultation should be stopped, with com-ments clearly limited to particular matters, and a strict time-

He did not regret the passing of the Greater London Council, saying that he thought strategie planning was best done by the environment secretary.

Osborne later had to join Terry Farrell on a speakers' psnel, the architect of the rival scheme to Speyhawk's Wimble- | plan for a 30,000sq m shopping don town centre project.

TERRY Farrell hos had lesign vision on Loudon.
His scheme for Wimbledon

tnwn centre has gained the support of linglish Herituge officers, and also has a better chance of success from the environment secretary's decision to call in the rival BDP scheme for Speyhawk.

And at Hantmersmith Broadway his alternative design to the comprehensive redevelopment plan is getting firm support from the council and MPs, in preference to Elsom Pack & Robert's scheme.

His client, Hammersmith Community Trust, also has a lease on part of the site that developer Bredero with London Regional Transport plans to use for the massive office, shops and transport interchange scheme it has permission for.

The decision of the new Labour-controlled authority to designate the whole site as a conservation area tNews last week Jeffectively means Bredero will have to get a new round of permissions to demolish.

Bredero and LRT have said they will appeal to the DoE if they are refused permission.

In Wimbledon, the call-in of the Speyhawk shops and office scheme means the proposal will be examined at the same time as Farrell and developer Greycoat have their appeal heard on a rival "incremental" plan.

Merton council, which owns some of the land inquestion, has been behind the Speyhawk proposal, but could now see its authority challenged.

But Speyhawk is adament its pointing to a recent Mori poll where 70 per cent of local people said they were in favour of the

Essex energy study

used mainly by schools to cat for temporary "overspills" of development boom.

grant will finance a three-year last year.

THE EEC has given Essex study by the county council, County Council a £56,000 grant which has had to make wide use to investigate energy conserva-tion in relocatable buildings, to cope with a steadily expand-

Essex spent £1.5 million The European community acquiring new sites for schools

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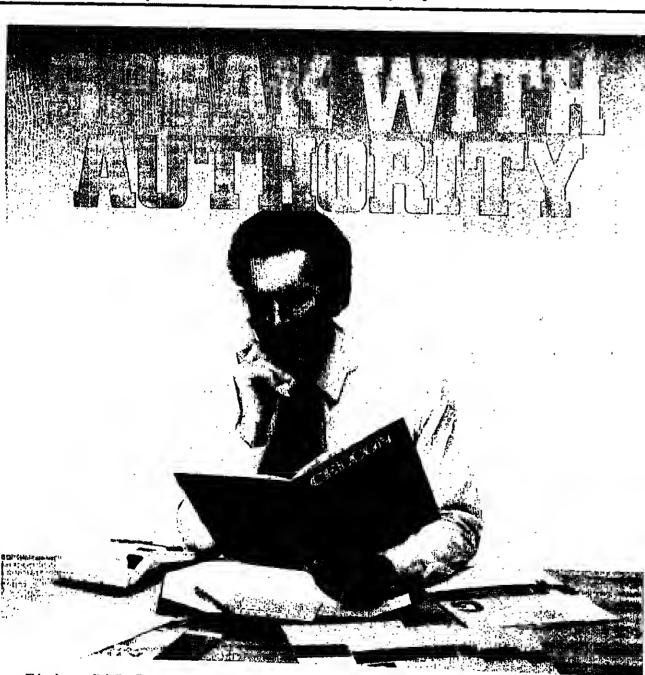
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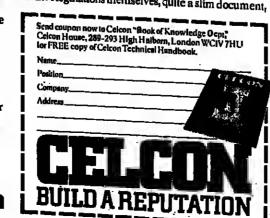
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News



YRM Partnership hase expanded into structural and ciding in the literally expanding he totalding on to their thillion Sinctoffeed Checking provide for the new YRM structures division. The practice saidlith as now realised "nee of our most impossage clients the full-range of huliding design services in-house".

The 270-strong group now covers architecture, planning, later, out the services and internal management and has an internalised design YRM interiors have recently completed work on refurbibles old lintwick Airport bridge link to the south terminal faktorial mediantly designed. With 5 million pentile a year passing brooking there was clearty a need for a highly durable treatment, as salar entrance way.

"RIDLEY-watching is be-White and grey panels are collised by a scaled handrall collected coming an almost computeratelator. Adsertising panels are kept from being too domical like sive occupation, especially nechitects for the new north terminal still under construction.

Church in architectur proposals

PLANS to improve the systems of eure and ennirol for church building have been put forward by the Church Chinmissioners and the General Synod of the Church of

that the commussioners have insisted on retaining listed

By Alan Thompson

building exemption and are asking for a *quid pro qu*o from the Covernment.

They are demanding that the State Aid Scheme for churches, initialed in 1977, he made permanent and that the Govern-

rehitects Roderlek Hom and

Norman Foster, will be looking

for a theaire that offers scope for

other theatre-related octivities,

HAMPSTEAD residents are

split over ambitious nsw re-development plans to create a

600-space car park as parl of a

£25 million housing and office:

complex on the site of a redun-

Resideots say that any de-

elopment on the sile abould be

by the council or a local housing

Hampstead

controversy

daot hospital.

Issociation.

which represents only Now we have Luivens' percentage of the E grandson, in his youth a wouldconsidered to have up be architeet; quietly helpful in pump-priming effect his days of junior ministerial stimulus to localisate of fice to the "old-boy" flank of The church gray the conservationist army, yet an giving evidence outer unreformed Thatelierite.

The Government soffice.

among conservationists.

The relationship of DoE

secretaries of state with those

heritage" has been uneven over the last decade, but it has tended

to become a more central one

than would have been dreamed

Peter Shore was very nearly

converted to old buildings

before departing office, Hesel-

f in the long ago 60s.

environnieni comente. In the ever faster merry-gointo historic build round of secretaries of state, will ancient monunement this one really tay into planning
More than halfath safeguards and cover southern of England chirchert England with Barratt and Wim-and Italf of all Guddly pey homes? Or will he surprise us

belong to the church
A key area of conce be a strong point)? listed building on more than belied his laid-back demolition which the manner and reputation for allowed the tazing of indolence. To the surprise even a trail Trinity change of some Tories the Channel

in 1983.

The commission of some Tories the Channel Tunnel Bill seems to be going their record of cares, their record of cares, that a church build million every year is raised by donation from the publicand spend on the upkeep of churches.

Foster a judge in Dute the Tories the Channel Tunnel Bill seems to be going through Parliament fairly rapidly. Although tough on residents in the immediate vicinity of its terminal, it wilt surely be an employment generator. Similarly, the decision to site the Okchsmpton bypass so that it nicks the edge of the Dartmoor national park was a hard necessity viewed from that traffic-besided town. necessily viewed from that traffic-beseiged town.

theatre competition AN ideas competition for the design of a theatre in Amsterdam has been hunched by the Association of British Theore Technicians (ABTT). Judges, who include British architects Roderick Flom and Norman Technicians (ABTT). Judges, who include British architects Roderick Flom and Meanwhile and Incurrence of the historic buildings and orchestra pit mutual of the historic buildings and ancient monuments set-up has

40 musicians.

Details from April, care of the As from April, care of the

Oxford la diministratively re-separated (the AM section was always a thing apart when inside the DoE), while the historie buildings division, comprising listing, grant-making and historie garding a report of functions, has a new head in the person of a youngish ex-Treashouses should house should larger bedroom his digo of the times, for this area larger bedroom walls, and appears of the person of a youngish ex-Treashouses should have to be avoided by the More linear the person of the times, for this area larger bedroom walls, and appears of the times, for this area larger bedroom walls, and appears of the times, for this area larger bedroom walls, and appears of the times, for this area larger bedroom walls, and appears of the space of the smaller thin that of its origin setting, the Hall of Inigo Jon Queen's House of Greenwich.

That alone is a powerful argument for thworling the PSA's reported altempt to return the painting. Personally, I also enjoy the juxtaposition of figures representing Art and Peace with Laguerre's vasi martial depictions of the battle of Blenheim on the walls below.

Gentileschi wins the aesthetic argument, but the potential transfer in the point of its origin setting, the Hall of Inigo Jon Queen's House of Greenwich.

That alone is a powerful argument for thworling the return the painting. Personally, I also enjoy the juxtaposition of figures representing Art and Peace with Laguerre's vasi martial depictions of the battle of Blenheim on the walls below.

Gentileschi wins the aesthetic argument, but the painting the person of a youngish ex-Treashouses should be person of a youngish ex-Treashouse should be person of a youngish ex

walls, and all A rung or so down, il is good should also be But shopkeepers backing the scheme by local architects Levy Benjamin & Horovitch.

Camden council is now preparing an up-to-date planning brief for the New End hospital. easured drawings compeli-

tion prizewinner, Bob Chithan

National oddities

Infill

recent Sunday Times review section, Deyau Sudjic was Irail ing his trip to Aspen, Colomdo, with Znndra Rhodes, Bruce Oldfield the of the seductively comfy "A room of my own", the same day). On unother page, ex-GLC historic buildings eccentrie John Martin Robinson the "Martin" comes and goes was lamhasting the unuccessary sale of Edward James' collection of grand furniture from West Denn and more surreal had time to make while briefly in mélange from nenrby Monkton.

The ST's dance critic handled

Irimmed figures

A BYZANTINE row proceeds Sarah, Duchess of Marlborough.

When the latter installed it in house in the Mall it was rulhlessly trimmed and whole figures removed. The space was

David

Pearce

IT is, as I opined in this column recently, no longer credible to acuse the national press of abandoning architecture as a subject for serious coverage. though you would not have thought so to listen to the discussion after Donnld Trelford's recent talk at the RIBA.

concerned to preserve "the Oddities recur, however. In a tine had a passion for them anyway, whereas Jenkin appeared to have no discernable tastes of any kind. Baker is both civilised and elever; he won the respect of even some of those disappointed by the decisions he

> But the only piece of architectural criticism as such was on yet another page and by a writer whose expertise is clearly not in this field

Corinthian columns, post-modern foyers, conference facilities and such like with something approaching conviction and accuracy. At last I learned how Bradford has managed to spend £8.25 million on its "new" Alhambra theatre. The nnswer being that there is much moreon the site than a 1914 auditorium and greatly enlarged stage. Asionishingly, however, Dou-gill managed to occupy a fair depth of six columns, a photo and about 800 words, without mentioning either the original architect's name, nor that of the designers of the new and re-furbished work.

eonceming the ownership of a mid-17th century ceiling paint-ing by Orazio Gentileschi. The Queen msy have to determine the nature of the bargain struck - gift, loan or ssle - when her predecessor, Anne, made over the work to her bosom friend,

would have been mode of today's elvil servanta by the recipient of Anne's donation, the fearless and fiery wife of England's greatest soldier, can only be imagined. For reasons of wit, practically and history, let

Making waves at Limehouse

IT is a rare thing to find leading figures from the Labour Party and the SDP sharing a platform (except on "Question Time"). But it seems that opposition to the Limehouse Basin development in London's Docklands is strong enough to unite old war-horses like Peter Shore with the new radicals like David Owen. The two of them appeared as "stars" at the official launch of the Limehouse Petition (report page 2), which is designed to change the current proposals for the basin, prepared by Scifert for

Even thought both the MPs are local residents, II would under normal elreumstunces have been surprising to find them attending such nn event. l'lanning rows, after all, are two a penny; Shore, as o former environment secretary, knows this better than most. Yet here they were, united in opposition against this proposal, and recommending all sorts of spoiling tactics to prevent the existing designs heing put into effect. "Try and

The Etreplace Blook by Royal

leDonald. A practical guide

esthetic considerations, to freplace

lesign manuferance and restoration

compassing both functional

Good Doctor's prescription. This would involve the applying of pressure by the public authorities to get the designs amended, and on public bodies by all those who are supporting the pelitton.

As If by divine intervention, new evidence of the way the whole affair has been botched has come to light, as we report on page I this week. If nnything has upsel outside observers of the Limehouse story, it was the outrogeous way in which the inquiry inspector's damning verdlet on the development proposals was overruled. Now along comes Patrick Jenkin, Sccrelary of Stale for the Environment at the time, and disclaims responsibility for the decision: "I did not actually handle the Limehouse Basin application myself — I was out of the office when the decision fell to be made," (Il couldn't have been me, sir, l was in the luck shop when the gym burned down!) What a way to run a whelk stall! Our story details Jenkin's contradletory accounts of why It wasn't him block the scheme at every turn" was the who made the deciston. All I can say is



that If this is the planning system in action (and the inquiry report lay on Jenkin's desk in Marsham Sircet for many months), God help us all. One reoson given for Jenkin not taking the decision was a meeting he had with a Cambridge student, and acodemic Dallbor Vesely, to discuss allerantive proposals after the public inquiry. Since their proposals had no moterial bearing on the planning applications under consideration, this really won't wash.

Victims of the British phinning system have often complnined - about how farce turns into tragelly. It may be that the Linchouse Basinstory has the unique distinction of being a trogedy which turns into farce - but a farce which is m laughing motier.

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13

2

Jaundiced view of Irish problem

From Aubrey Colderwood

1 FEEL I cannot let Brian Anson's remarks made in his letter (June 13) about the Divia

flats in Belfast, pass without

He seeks to criticise me for making "no real comment upon the actual social and physical environment of the complex".

Surely this is a use of architectural licence which exceeds all the bounds of eredibility? On the one hand Anson writes a piece eomplex from the obvious standpoint of a supporter of Irish Nationalism, on the other he tries to absolve himself from any critician of this view by using his professional status to claim that social and physical aspects of the problem are the real issues for attention.

I would like nothing better than to open-mindedly com-

Letters to the editor

Letters should be typed double-spaced on one side of the sheet and sent to: The Editor, Building Design, 30 Calderwood Street. London SE18 6Q11. We reserve

MOIN

physical issues on the Divis estate but am prevented from doing so by the political inference Anson has chosen to adopt in writing his original article. He cannot further the plight of the Divis residents in this way.

If he wishes to receive unjaundiced eriticism on the subject matter of his article, he should be prepared to stifle his canned version of the "Irish Problem" and write an equally unjaundiced piece in the first

Anbrey Calderwood

Cads are at it again

From A Strort Gray
1 QUOTE from Hugh Kingsmill: "Regent Street was practically unaltered since the time of the Regent until the early 1920s when all these fivestoreyed erections were run up computed success by money and work of art and secondarily a shopping centre into what is primarily a shopping centre and secondarily nothing at all".

Talking of Dick Whittington

Judging by the recent shop-front for the Brilish Travel Centre at 12 Regent Street, noticed first by Privote Eye and

it again.

This outrage to Royal Property in Royal Blue (any significance)? Plastic, white coment design", tell that to any of the and red brick actually overlaps the pier and architrave of the BBC next door, over which

white paint has been sloshed.

Perhaps it is some years since those concerned have visited Rome or Florence to observe how rigidly the tenants of the shops in the great Renaissance palaces lining the streets have kept to their territory — a custom introduced by ancient

Are these bad manners eatehing among the travel agencies? Quantas Airways destroyed the whole ground floor of Stewart's Tea Rooms, Old Bond Street and Piceadilly (Read Macdonald) while Canadian Railways swept away the fine arehes and central doorway of their Cockspur Street offices done for them by Sir Aston Webb. (See my Edwordion Architecture. Duekworth, 1985, pp299, 300 and 378) and what action do the Crown Estates and the Westminster council propose to take?

Meaningless language

From Richord Soxon, proctice development partner, Building Design partnership GOOD luck to McColl Wheat-

ley in their merger (News June 20), but please don't use such tendentious language in your report aa "BDP... and SOM...

great engineers we all admire. Richard G Saxon Manchestar

Normality and knighthood

observes that Andrew Derbyshire's recent knighthood "jumps ahead of the normal recognition afforded to RIBA president".

Of course it depends on what ou mean by "normal"; the last RIBA president to be knighted was Sir Peter Shepheard, who held office from 1969-71.

Peter Willis Newcastle-apan-Tyne

Simplistic solutions

From Andrew Pattullo PETER Faleoner's letter of June 13 seems to suggest that premature failure of built-up felt roofs could be mitigated by the simple expedient of protecting them from the sun. He quotes the example of boarded flat-roof vestries built in 1938, where a three-layer build-up of felt is eovered with a layer of aabesios tiles laid in bitumen, found to be in good condition aome 37 years after completion.

While it is true that felt report aa "BDP... and SOM... are not pure design firms".
"Pure design" is a meaningless term in the context of wide

twice by LBC Radio, who quoted John Robinson of English Heritage, the "eads" are at he wants delivered on time and many construction and building performance criteria.

His vestries were probably built to a good specification ir generous construction by work men who understood what they were doing and had a reaso nable time in which to complete the work. Furthermore, space heating is likely to have been low and/or intermittent, with negligible moisture-producing ac-tivities occurring inside n naturally ventilated building, giving a low risk of interstitial

Our more recent history of tight budget, lightweight con-struction, indifferent workmanship and short contract periods, combined with the high moisture content of many scaled, insulated and centrally heated ouildings, creates a more complicated design, construction and performance problem.

Protecting the membranc from solar gain is only one of many essential performance criteria to be considered to achieve a successful long term A R Pattallo

Newcastle-upon-Tyne

Swotting for the irrelevant

From M H Critcheley 1 READ with interest your editorial BD June 13 regarding "Continuing professional de-

Conseience thua pricked, was interested to receive in this morning's post a syllabus for the Institute of Advanced Architectural Studies. Hopefully there is an opportunity to sharpen my mind and "bone up" on devel-

mology since I left college pyears ugo. No such luck Its syllabits was concerned almost exclusively with conservation and refutebishment to refutebishment t and refurbishment topics.
Surely if CPD is to become

regular feature of architectus life it needs to have 100 relevance to those of us who he out here in a world of comes cial decisions, profession indemnity, and rapid tel nological change. M II Critchley

Drawings as a resource

From Roger White, secreta Georgian Group JOHN Wells-Thorpe's chic

that the RIBA Drawings Colle tion absorbs £300,000 annui of membera' money is, to put no stronger, misleading(Lelle June 20). Less the Heinzmor for exhibitions, and money is comes from an endowment purchasing drawings, I gale that membership subscripic contribute no more the £100.000. Furthermore it is perfect clear that, far from being minority as Wells-Thom

arship?

claims, historians and stude in architectural schools addo to a considerable majority those who use the collections proportion of architect-mer bers who do so is very smi overall. Surely, in any case, & fact that it forms part of a selected "The British Archies tural Library" implies that it not first and foremost the private preserve of the institut to which 'outsiders' are admi ted as a privilege, but a majo resource for international schol Roger White London SW4

From infinity to a flea-bite

HERB Meyer challenges me to 'concede" that one, and only one, of two mutually exclusive time. I doso willingly, it is a basic produces a very high risk indeed axiom of the binomial distribution. However, the binomial is only one of the many theoretical distributions used as yardsticks for analysing observed data, and it is not the appropriate choice for research on housing design. That is why it leads to the absurdity of 98 non-crimes per week, or one non-erime per 102.9 minutes - a concept which would immediately aleria scientist to the need for a more

realistic approach.
In his last letter Mr Meyer felt that four observations were sufficient, but now he dismisses 82,000 observations us a mere less than infinity. Since infinity is unrealistic for a five-year project, he is effectively elaining that there is no such thing as valid research on housing

He complains of my arithmetic, but should look to his own. We did not make 21 observations per estate, but per block, and even if we had made only two it could still have been The large mimhers required for a statistical exercise are not numbers per case, but total numbers, and our 82,000 observations are more numerous than in the majority of research projects. Another misleading figure is his calcularWigan Housing Estate, He week, and if multiplied up to apply to a year, or several years,

of becoming, not merely a victim, but a recurrent victim.

In his previous letter Mr Meyer wrote "I maintain and will continue to maintain..." This, of course, is the voice of the bigot who refuses to open his mind to new truth, and his most recent letter contains various ways of trying to outflunk it ranging from gratnitous smears ("soi-disant", "puerile fourth form") to total inaccuracies ("all statistical analyses return to the normal distribution curve"). Mustly, however, he is writing about statistical abstractions in apparent ignorance of a whole wide field of applied statistics, and writing with the type of self-confident obscurity nat mny persuade some of your renders that he knows what he is talking about. May I leave him with a thought? The light of

Alice Coleman London WC2 This correspondence is not

science is not for blinding with,

but for illuminating the truth.

Unified front is threatened

From Larry Rolland, president

US to read the continuing | and signs in particular; quality publicity in your paper about the RICS brochure Worning: Not Using o Chortered Surveyor Can Put You At Risk, The reaction of some of my members to this publication has been one of understandable irritation.

I have written to the president of the RICS informing him that while it is a polished and wellconceived piece of promotion the suggestion of omnicompetence in the text and the absence of eredits from the ilhistrations is imfortinate. Any publication that encourages potential elients to build well is welcome. However, it is vitally important for the building industry to exhibit unity. The RICS brochure does not help to

'Dreaded' UK road networks

From Peter Phillips
CONCERNED at the poor standard of Britain's road network and associated facilities, particularly in comparison with Continental countries, lam presently collecting opinions and information on the subject from interested professions with a view to publishing a book.

I would very much like to hear from architects, landscape architects, landscape nrchitects and planners who feel there is need for change and improve ment, and can offer suggestions as towhat can he done. Opinions on all aspects are invited, such as: strategic plnnning; detailed planning; integration with other transport modes; integration with rural and urban environments; design standards generion of a 50:1 chance of escaping | 1 HAVE just returned from the | ally and of structures, junction

roadside service areas; safety maintenance, and nnything else of relevance. Information from anyone with experience o Continental practice would

While it is people and politic-THE comments contained in ians with an interest in the your June 6 issue relative to the subject for whom the publication is primarily intended, many will be laymen without detailed technical knowledge. It would therefore be helpful if contributions could be written concisely and without too much technical detail while still retaining essential facts. Conof people who have already tributors will be duly accredited visited the Stoke Nationa n the publication but confiden Gurden Festival. tiality will be respected if

Please write, as something ought to be done to raise the drendful standards prevailing in

Reigate Sarrey RI12 8YW

also be most welcome.

Where's the Equator?

I SUGGEST that whoever wrote your bhird for the III ATA
BI) competition checks on the ocation of the Equator, "If you want to escape from the British winter for a holiday with a construction flavour in the Oriental summer" then do not enter this competition. January 1987 will be in the middle of the Oriental winter, which can be a very dank, miserable affnir with clond levels lower than the topol the Hongkong & Shanghai

Before and

From J G Cornell, director of plonning and orchitecture,

views of the Georgian Group were, I fear, particularly unfor-They totally misrepresent the magnificent work that has been ındertaken to both Etruria Hall

For the record, contrary t the allegations made in your article, there has been no use of off-the-peg joinery, no use of remuin untonehed and did not form a part of the contract.

The before-and-after photographs, I would suggest, speak for themselves. It is a reality that only limited financial resources have been available. Notwithstanding this, and considering the unfortunate mixture of architectural styles which existed, the works carried but have improved the proportions and appearance of the building beyond recognition. They have not attempted to represent a full restoration; however, this need not necessarily he ruled out at som**e** finture date.

I would urge your readers to visit the Stoke National Garden Festival to make their own professional judgment and I guarantee they will not he disappointed? J G Cornell





Flat.Orizzva

When you think of Metsec, you quite probably think of flat roofs.

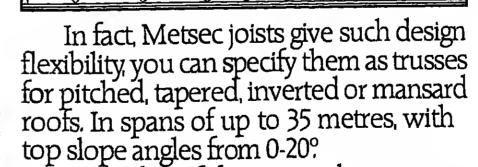
After all, it was us who developed the

cold formed lattice joists so commonly used in flat roof applications.

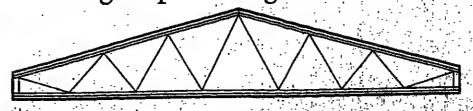


But say you're specifying for a root with a bit more fizz. A bit more pzazz. little different, perhaps.

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Woodrow solid on the Rock

Taylor Woodrow has won an inter-notional design competition for o derellet site in the commercial centre of Gibraltor. The latest success adds further to a multi-million programme of work the major contractor has secured in recent months on the Island.

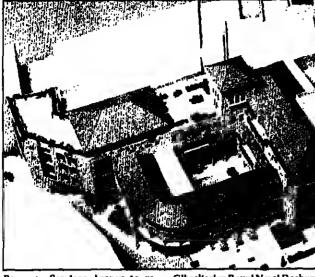
The company's in-housearchitects' scheme for the Old Command Education Centre was chosen by the sponsor, the government, in preference to three other invited sub-

It proposes ereating a "Covent Gorden" style development of shops, homes and offices arranged in a court around a londscaped piozza. There will also be an adjoining croft market in the £4 million sebene, which is due to go on sile in November for completion by April 1988. The contractor recently won £5.5

Illon worth of work from the

On the right tracks

association.
The complex consists of 22 two-person flats, seven single-person flats, a disabled unit, wardens accommodation and communit facilities arranged of double-banked corridors in a straight two-storey block. The project is scheduled to finish mid-1987. Main contactor is Wheat stone & Plant.



Property Services Agency to re-furbish a NATO communications centre inside the Roch. It also just finished building o 1,400sq m specula-tive office development. And last December it triumphed in

another international design compe-tition, for developing part of the Old



Gibroltarion Royal Noval Dockyard. Its scheme, drawn up with designers Triad, was the chosen design tender with a £30 million plan for a leisure centre, including a hotel, casion, conference centre, marina, flats and shops. It is now seeking funding.



War memories

Association.

Six one-hedroom flats for the elderly, designed by kgroup's mechlicets, have been built at a cost of £189,66.

Funding came from the Housing Corporation with
grant for soft landscuping from Lambeth Inner Cy
Partnership.



Below: This is the view of City life, post Big Bang, os seen at the new Morgan Guoranty deciling roum designed by the Thomas Saunders Partnership.

The units for the £1.5 million refurbishment were produced by Ashby &

The units for the £1.5 munon remandation.

Horner and designed by Roberts Weaver.

Ashby & Horner hos worked on more than 20 dealing rooms, including 12 as main contractor, and has put on an exhibition of dealing room equipment ord

London headquarters. Demonstrations can be arranged, tel: 01-



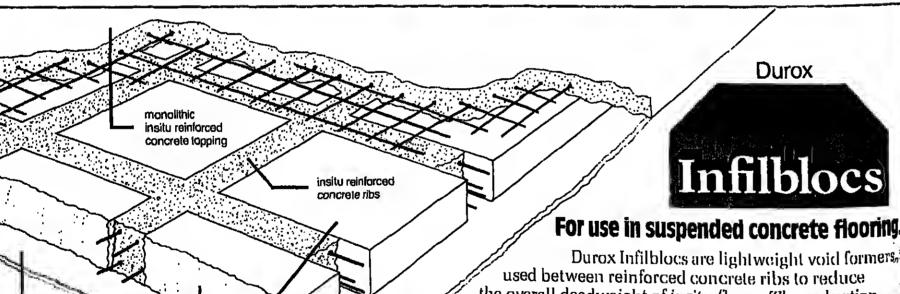


Historic setting

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Plan of Plaza de Salvador Datt. Dragados y Canstruccianes have built the £900,000 scheme.

THE Salvador Dalisquarein the bronze figure which stands Madrid is due for completion this week - just a year after the artist put his signature to a preliminary set of draw-

The great surrealist painter and draftsman offered the late mayor of Madrid, Enrique Tierno Galvan, plans for a "plaza" which would be both a homage to Man's achievements in science and architecture, and a place for residents of the Barrio de Salamanca to relex.

In the south east of Madrid, at the intersection of Avenida de Felipe II and Antonia Merce, the local residents are watching the progress of the Plaza de Salvador Dali. The site was chosen by Dali for its long perspective. "His artistic conception of the development of the area involved selecting a site which would afford an immensely long vista of the monument which will adorn the plaza, Jesus Jimenez Canas, Medrid council planning specialist, told me. (He visued Deli several times at his home, "Torre Galatea", to discuss the project.)

In fect Dali, now 82 and freil, ose the site from his chair in 'Torre Galatee' where he watched videos of Madrid. showing traffic flow and environmental conditions of the

planned for the pleza.

0

40

T

The project covers a rectangular area of 250m × 50m. stretching from the Calle Narvaez to the Calle de Lombin and incorporating 200m of Felipe II. It provides paved pedestrian access to the 50m diameter circular plaza in Antonia Merce. side of Felipe 11. As these are Intended to provide vehicle

coarse, hard-wearing stone. The remaining area is peved

in the plaza. These circles and lines are an integral part of the

As the circles become more distant from their centre, which s the monument, their density decreases - like the ripples caused by a pebble thrown into water. The petrified ripples expand, gradually lose their curve ond finally become streight lines. They cover the length and breadth of the plaza and walkway.

The focal point of the plaza is a monument which comprises two separate and contrasting elements. The first is a megachamber, consisting of 100 tonne megaliths topped by a 136 tonne capstone. The upright stones are being specially cut from the grey granite quarry of Viliscastin, in the Sierra de Guadarrama. north west of Madrid. The capstone is a natural rock which will be brought down from its present location in the Sierra de a Cabrers and will process through the streets of Madrid to its new home, attended by great pomp and ceremony.

Before it is moved to the site of the plaza, however, the rock has to be arounized for fruits which might cause it to crack during removel and installation. The One of these revealed the hydraulic jacks to raise the stone location which would provide into position. Cleaning of the the distance necessary for capstone may be necessary to appreciating the immensity of ensure that its sppearance the megalithic monument he matches that of the newly cut megaliths beneath.

The second part of the monitment is a bronze sculpture, based on a design from Dali's painting "Fosfeno de Laporte" (1932, oil on canvas). It was conceived as a surrealist representation of Sir Isaac Newton and an almost identical replica can be seen in the Dali museum in Figueres.

Newton's naked body access to the residential apart-ments and shops which line the street, they are paved with a standing upright, on a cube of polished black atone imported from Portugal. Both his arms are fully stretched to the right. A sphere, attached to a cable in his with a light grey granite. Traced night hand, falls parallel to his on the granite in black stone are body and a second sphere, concentric circles, dissected by parallel to the first, hangs in the radii emanating from the base of centre of his exposed thorax. parallel to the first, hangs in the on canvas).

Dali's square





Capstone in Sierra de la Cabrera - another feature af the square. typically Dalinian, with long

thighs and sinewy muscles. The

feet are large and the left heel is

raised off the ground. The right

foot has been chopped into three

sadomasochistic tendencies

displayed in "Autumnal Canni-

balism" (1936, oll on canvas,

shoulderblades protrude with a

curving sensuality which, at a glance, give the figure an

The 3.8m bronze sculpture

androgynous appearance.

Tate Gallery collection). The

The cable supporting the second sphere originates in the cavity of the skull, the upper half of which is pierced with amall holes, Both spheres are made of the same black stone as the pedestal and distinct portiona, recalling they symbolise Newton's theory of universal gravitation.

The gaping thorax, through which the second sphere is seen, is a recutring phenomenon in Dali's work and is particularly reminiscent of "The weaning of furniture-nutrition" (1934, oil

The legs of the figure are also stands 6m in front of the dolmen

is being made of the Eduardo Capa foundry, weighs 1,050kg; the dolmen towers above it. Each of the three upright stones stand 12.5m high, with an additional metre of the total height cemented underground. The project architect, Joaquin Sanchez Morales, explained

how the capstone is connected to the three supporting granite pillars: a small block of "neopreno" is placed in the centre of the top of each megalith to ensure that the capstone is evenly balanced, and the remaining gap between capstone and pillar is filled with mortar.

There are no Unlike Stonehenge, the stability of Dali's dolmen relies upon man-made adhesive agents on the question of litter bias and rather than upon the precise tailoring of pillar to capstone by means of a tenon and mortisc.

The paradox of this ancient monument erected by modern meens will lend the square e symbolism, end e powerful 200 century lighting system It use though a Spanish plaza is by definition a place for people to meet, talk and pass the time in the open air, Dali had different ideas on the matter. Speaking in a residential area. general terms to Jimen ez Canas, Dali, in his inexorable quest for the peranormal, expressed a characteristics of a barren records a passionate person wilderness, so that it might relationship: Dali's signature remind the city dwellers of the inscribed on the top of the rife.

vast plateau of Castilla surrounding the capital. One way of achieving this is by effective use of lighting. The city council has chosen to illuminate the pedestrian area with 32 Holophane Module 600 quartz halogen street lights, each of which comprises four separate lamps: one powered by 400W and the other three by 175W each. This ensures that the strongest light is directed away from the neighbouring apartments and onto the paving

stones of Felipe II The light cast by the 400W lamps is pure white and, therefore, does not distort the colour of the granite. The lighting capacity of these 5m high street lights is greatest between heights of 0-6m, thus leaving the area immediately above them in

The geometrical shape of the

on a cube. The sculpture, which lights contributes to the overall impression of austerity which Dali originally envisaged for the project and creates a striking contrast with the dolmen. The latter will be illuminated by six 400 W spotlights set in the ground giving the impression of an intense fire burning beneath the constone.

Six 500W lamps affixed to the facades of the two buildings opposite will illuminate the bronze sculpture from a beight of 15m. In order to throw the figure into relief, four lamps will shine from one side and two

There are no plans to include trees or flower bedsin the square and the city council is undecided senting facilities.

Like all Dnli's work, thereare paradoxes: an ancient monument, the father figure of Science steeped in surren century lighting system. It ust impressive showpiece, to be much photographed, skeley and somitted, which downers. backdrop to the every-dayling

Also, engraved on the birt The only one who did turn up was presidential hopeful Peter stonepedestal, set inthemids the simulated wasteland, then More observant guests will have noted that Prince Charles' almost-severed finger put in an and, on each of the lateral lace is engraved one letter from its since his gardening accident of three months' ego, All bandages were discarded for the event. name of his muse and conpanion, Gala. This unobtrusts Paddy Dolicrty, once a celebration of love, set again, carpenter and Wimpey forethe huge time scale representation by the monument, forms Derry Inner City project with great aplomh from the Prince. In

other poignant contrast.
Galvan, the mayor wild Dali delighted with his offer blo plaze, died in January, It will his successor, J Barranco Gill lardo, who witnesses the open ing of the square. Dall is life to see the inauguration mony only on yideo because poor health.

But speculation on the reelist symbolism of the New figure is bound to draw iards, hispanists, art histo iards, hispanists, art history, architects and tourists and the plaza where they, will pay their homage to great master of conten Spanish art.

attract substantial practice support. But will Cecil's candidacy deter others from joining in the fray? Unlikely, it would appear. He ended a spontaneous speech from the pulpit of the Jarvis Hall with the immortal Here are Scorpio's predicted runners (revised version) to take over when Larry Rolland hangs words: "We'll rehabilitate the buildings, You'd better rehabup his medal and chain this time ilitate the profession!" It almost Former GLC mandarin now brought the house down, teamed up with Watkins Gray

Scorpio

Runners line up in

International, Peter Jones, who

polled a creditable 30 per cent for thereabouts) last time, is a favoured candidate of the

institute's own mandarins. Jones now has the advantage of having served some time on

strong support from the regions

inthepast, and his soundings are

unlikely to do anything other

than persuade him that he has a

is still uncommitted to running

(at the time of writing), the loss

have raised his profile - and he

And of course David Rack,

top of the recent council elec-

CES Awards?

the non-appearance of honor-

Opearance for the first time

his home town of Londonderry

he is known as a stnunch

Republican and rejoices in the nicknames "Paddy Bogside"

"I had no problem. My lineis as

long as his line. The O'Dohcrtys

and "King of the Bog".

Stephen as well.

is an architect's architect.

sidering his chances.

Boycott of

race for presidency

NEWS that Ray Cecil is definitely standing for the RIBA

presidency has given impetus to a campaign which now looks

wide open. The champion of practices and defender of the

architect against penal liability legislation will doubtless

Scene and heard

DAVID Llewellyn, whose construction firm is rebuilding the Grand Hotel in Brighton at a Alan Groves is believed to be prepared to have another go, despite being a two-time loser. cost of some £12 million, i He might be regarded as the only taking the press on a grand tour real candidate front the public today in his new tole as president sector now Jones has switched of the Chartered Institute of Building. It is expected to be Raymond Andrews lins had reopened in August,

The more sober members of his inneheon party might pick up the fact that the room where the IRA bomb exploded during Tory Party conference in Outsider Andrew Derbyshire 1984 in hanger exists, Room 629 has been renumbered - officially because there are now fewer partner Hugh Morris may be rooms in the hotel. an inhibiting factor. On the other hand knighthood will

Where the Prime Minister narrowly escaped death has been renamed the "Presidential

 SUCH is G Ware Travelstead's confidence in Canary Wharf going ahead that fullpage advertisements have started to appear in the national

They suggest that it is time to stop paying for the most expensive officerents in the world—in the City of London—and become your own landlord. Canary Wharf promises total FRED Roche was not the only RIBA VIP not to put in an occupancy costs "ground half

sppearance at the presentation those of the Square Mile" It is rather optimistic to the Community Enterprise suggest, however, that many will stehon to "no rates until April 1992". Unless, of course, they can also "do a Broad ate" and Awards (BD June 13). What began to look like an unofficial boycott was suspected following get everything designed and up in a couple of years. ary officers Michael Manser, Nicholas Brill and Douglas

 ADVANCES in bridge technology grow apace. Leeds-based Roiaflex inform me that they are producing "enough Hore opiles to stretch round the world more than three times to light the world's first libre-optic

The scene of this amazing feat is Atlantic City, on America's cast coast, where Resorts International is building one of the world's largest leisure comman, collected his paze for the plexes. The 40m bridge will link an hotel and ensino to a seaside

10 years ago

One of his sons is in jail for membership of an illegal organ-THE spectre of massive cuts in the housing programme at isation, and a son-in-law was revived the danger of corresshot dead by the Provos last year ponding redundancies among development corporation defor being an alleged informer, What did he make of shaking sign staff. hands with the heir to the British -andNorthern Irish-throne?

Reports in the local press claim there is a threat of n 50 to 60 per cent cut in architectural were the last family who with a and technical staff. chieftain'nt their head fought the Building Design, June 25, 1976.

AND SO IT IS WITH SPECIAL PRIDETHAT WE OFFICIALLY INAUGURATE ... THE WORLDS LARGEST GREEN THE START OF WORK ON THIS SPLENDID WELLIE FUTURES TRADING NEW BUILDING WHICH WILL BE ... SITE A BOLD AND IMAGINATIVE CONCEPT CREATED BY BRITISH ARCHITECTS FOR MEGABUCK DEVELOPMENTS WHO I UNDERSTAND HAVE JUST ... FORMERLY BASED IN MANILA, BUT WHICH HAS BECOME PART OF SUPARICH J WHICH ONLY THIS ITS HEADQUARTERS ENTERPRISES ... MORNING-THE MONOPOUES RECENTLY TRANSFERED. TO HAWAII COMMISSION AGREED COULD AMALGAMATE WITH THE GLOBALGREED CONSORTIUM ..

Yale's massive investment aims to raise UK security levels.

Yala's recani invastment in new high technology menutacturing lecilities at thair Witlenhall, West Midlanda plant allows the company lo axpand its manufecturing fecilities lor Ita wide renge of high security Profile Cylindars.

This is to enable Yale to meet the diamatic increase in damand loi Profile Cylinder mortice locks to cope with today's need for higher levels of secutily and lo suil changing patterns ol door construction and materials Yala Prolita Cylinders are

produced in three types, single keyway. double knyway and knyway with thumblurn. There is a variety of sizes to suil virtuelly all lypes of door including aluminium and uPVC

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Yale'a 3200 series of mortice locka has been apacially designed to incorporate the Yale Profile Cylinder. Thara is a complahansive range of lunctions evallable including saahlocks. deadlocks, sliding door locks and roller bolt sashlocka in a choica of case sizas end widtha. Solid daadbolts have hardened sleef rollers to protect against hacksaw attack. The Yala 3200 renga incorporates these imprassive features: * Up to 24,000 key differa as alandard.

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May be specified with Yale Master of

Grand Master keying lacillies. Upright sashlocks conform to BS 5872/80 (covering lock



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upgreding/re-furbishing applications es minimel joinary work is required ★ 2 keys suppliad Choice of tectengular or rounded

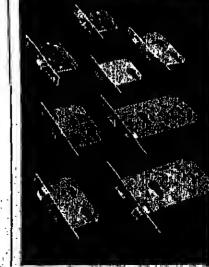
lorends in polishad brass or stainless

* Suitable for commercial, industrial or domestic applications.

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wide venety of applications.
The 320 series upright sestiocks also conform to BS 5872/80 (lock



dimensions) so they are particularly suitable for raturbishment projects as they will replace most post-1957 British 2, 3 and 5 layer locks with a minimum of



The 3 lever mechanism provides 150 differs and 2 keys are supplied. Reclangular or rounded lorenda are available in a choice of brasa or stainless steel and solid deadbolts incorporate hacksaw resistant hardened steel rollers

 For further information about these important developments in security simply use the Reader Reply Service or contact Yale direct at the address

Enter 13 Elimination

Stanley Hugh Leach v The London Borough of Merton (Chancery Division of The High Court, December 1985)

This case involved an appeal from an aribtrator to Mr Justice Vinelott in the Chancery Division of the High Court and arose out of a JCT 63 (July 1971 Revision) Standard Form of Building Contract for the provision of 287 new dwellings at Mitchum to be constructed by Leach on behalf of Merton.

The nebitrator decided a number of preliminary issues raised by the parties and an appeal was brought from his decision on certain of those

To say that the case itself was

ings alone in this case ran to some 7,000 pages.

The contractor agreed to complete the construction of the dwellings for the sum of £2,265,000 within 33 months of the date of possession.

This is of considerable interest in relation to many of the contentious clauses in the JCT 63 contract, including the notice provisions for extensions of time and the application provisions for reimbursement of loss and expense.

The Impartance of the cantractor's programme For some of the issues the

contractor's programme, submitted some time after commencement of work, was of considerable importance. It comprised 54 activities and showed a final completion date producing what Leach claimed to be a float period to allow for delays. In relation to each activity there was a bar indicating the period during which the activity would take place.

Of considerable importance was the fact that opposite each activity there were to be found a number of conventional signs indicating the date on which drawings and other information

no building, large or small, stood in its way.

important issue was whether or not this programme amounted to a request by Leach to the architect for the supply of drawings or other information at the times indicated by these

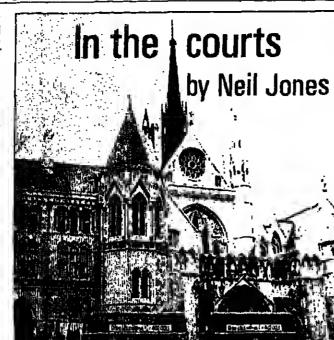
> This is, of course, significant in relation to both the extension of time and loss and expense provisions in the contract where delay in completion or disruption of material progress respectively, due to the late supply of drawings information etc by the architect, can be the basis of an entitlement to an extension of time or to reimbursement of loss and expense

In addition, Leach claimed that there was an implied term in the contract that Merton would not hinder them from carrying considerably in advance of the contractual completion date, contract and would take all steps reasonably necessary to enable them to discharge their obli-

In considering the question of the implication of terms into the contract the judge made some interesting statements concerning the role of the architect and the ability of an arbitrator or the courts to review and open up his decisions certificates etc (note Narthern Regional Health was required by Leach. A very Authority v Crauch). The judge owner in discharging the obli-

1666 The Great Fire of London . . .

... the catastrophe which destroyed a vast area of London,



architect exercised discretiondiscretion could be reviewed by the arbitrator who to that extent stood in the ahoes of the architect, However, to the extent that the architect acted as agent or servant of the building

said it was clear that where the gations imposed upon the building owner by the contract, the architect's acts were not the trator thoughthey could found a claim for damages for breach of contract by the building owner, the extent of which would fall to be determined by the arbitrator.

In other words, where the architect is simply acting us agent of the client, eg in issuing variation instructions or in providing drawings and details at the appropriate time, such activities were not enpable of review as such by an arbitrator. For instance, the arbitrator could not decide that the employer should have required a variation instruction to be

Turning buck to the question of whether or not there was an mplied term that Merton would not hinder or prevent Leach from carrying out their obligations in accordance with the terms of the contract or in their execution of work in a regular and orderly manner, eg by the late provision of drawings or information, the judge uplicld the arbitrator's decision that these terms ought to be implied. The judge quoted from the speech of Lord Blackburn in MacKay v Dick (1881):

"Where in a written contract it appears that both parties have ngreed that something should he done which connot effectively he done unless both concur in doing it, the construction of the contract is that each agrees to do all that is necessary to be done on his part for the enrrying out of that thing though there may be no express words to that effect."

implied undertaking by the building owner extended to those things which the architect must do to enable the contractor to carry out the work and that the building owner was liable for any breach of this duty on the part of the architect.

The judge further held that contract that the architect would provide the contractor with full, correct and coordinated information there was an implied term in the ordinated information concerning the works and that this term was to be implied apart from the express obligations imposed in clause 3(4) requiring the architect to furnish the contractor with drawings and details as and with nectorary.

Practice and procedure on the

Issue of drawings
Next, the judge turned to the question of the time for the provision of instructions, drawings, details etc to be provided by the architect. Leach claimed that there was an implied term to the effect that these would be issued in due time to enable Leach to carry out and complete the works in a regular and orderly manner and in accordance with their programme and/or in accordance with their obligations under the contract. Further, that any variations next week would be issued in such time as

would enable the contractor to carry out and complete the work in a regular and orderly manne and in accordance with the programme and/or in access ance with their obligations und-

the contract.
The arbitrator had rejent these as implied terms on the basis that they were repetitive of the express provisions in the contract (but note that in relation to the pravision of information etc. the companie requires the architecttaprovid it to the contractor at a line appropriate for the contractor to comply with his contracted ohligations, eg to complete by the contractual completion date not necessarily to enable him to complete within his pragrammed time for completion).

Lench did not appeal from this part of the arbitratori decision and while it ma therefore as a matteraflawing open the unestion of whether not information must be me vided in relation to the cor tructor's programmed conpletion rather than the con tractual completion date, it is submitted that it is the latter date which is of significance unless perhaps the parties have been tinwise enough to give the programme contractual status whether in relation to the fine completion date or the com pletion date for activities show on the programme, in which case clause 23 and others should

Leach argued that there were that the architect would administer the contract in an efficient and proper manner, and in accordance with the practice and procedure normally followed by architects, and that accordingly there were implied terms

(a) the issue of every drawing should be accurately recorded by means of an architect's instruction or some other simther procedure;

(h) every drawing issued would have a unique reference: (c) where an amended drawing was issued a note of the ameadment should be made in the note box on the drawing.

While the judge held that generally there was an implied obligation on the architect to administer the contract in an efficient and proper manner, be declined to deal in detail with how that efficient administration should be put into operation in relation to the issue of

Can the programme be a request far information under Clause 13 and 24?

The judge held that this was raised as to whether the programme was a specific application for instructions, druwings, details or levels with (extensions of time) and 24(IX (loss and expense). The clause specifically refers to the timing of the contractor's application for information etc, stating the far away from nor the date on which it was necessary for him to receive it. Note: it is the date of campletion which is referred to.

It was common ground that Leach's programme was sufficient to meet the requirement that the application had to be writing. Two further questions were firstly, whether it was capable of being treated as document whereby Leach specifically applied for drawings and secondly, if Itwas, whether Leach applied on a date (having regard to the contractual comple date) which was too distantifor or too close to the date on which it was necessary for Leach receive the information etc.

To be continued



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THE SAME OLD BORING BRICKS TIME AFTER TIME AFTER TIME. VARIETY, AFTER ALL, IS THE SPICE OF LIFE. AND VARIETY IS WHAT YOU'LL FIND IN ABUN-

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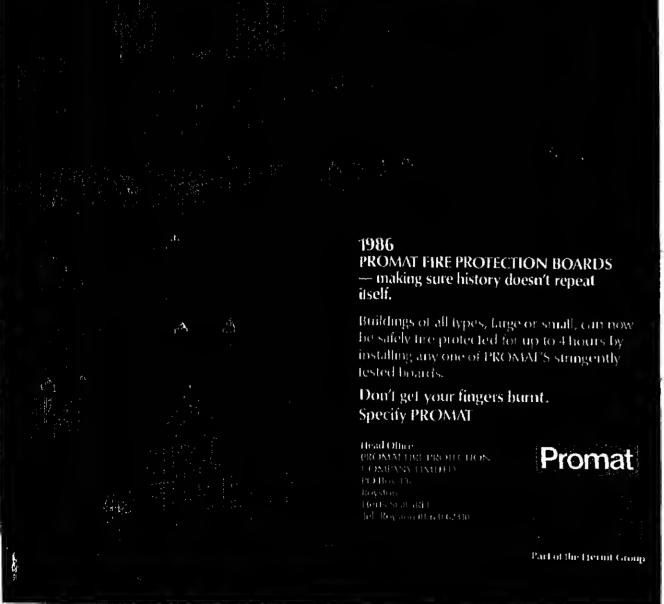
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7

Animal house



ALDO van Eyck must have been well pleased with the entries for the fourth RIBA international design

competition for atudents. Though not as numerous as those for last year's record response to the Hockney/Caro gallery - set and judged by Jnmes Stirling — the entries includea wide variety of responses to a testing brief, matching the worldwide distribution of their authors.

"A Lnsi Resort" nsked entrants to design an enclosure for marsupials and monotremes — and human observers and keepers — for their year-round containment, "taking full occount of the specific characteristics, behaviour and habits of each apecles, whilst upholding

their wellbeing and dignity".

As a vehicle for van Eyck's thesis, the competition is intriguing. He argues for "decent, proper buildings — those which haven't got what they needn't have and belong to where they are put," and the brief carries a thinly disguised attack on Stirling's concerns: "It does not ask you to accommodate works of art and 'resolve' polarities like abstract/ presentational or modern/traditional hich do not really exist in architecture ... interest in the lypology of buildings is not going to do the job for you — it's a

In this respect the response is encouraging. There are few columns and capitals and few schemes that might be

"Rais, Posta and Pests" that Van Eyck attacked so vehemently in an epic four-hour lecture at the RIBA back in 1981.

DESIGNER

HABITAT

Competition set by Aldo van Eyck which go on show at the Royal Academy from today. Winners are pictured ovarlaaf.

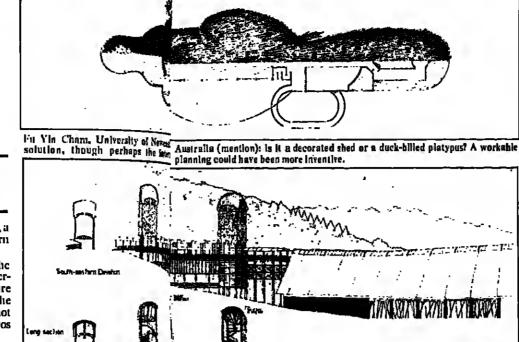
> What there are, nonetheless, are a wide variety of inventive schemes, most intimately rooted in their chosen site. There are weak schemes, even among the mentioned" category, so there must have been some disappointment with the overall standard, but the global spread of entries gives an intriguing glimpse of architectural concerns in schools around

> Just under half the schemes on show at the Royal Academy are from United Kingdom schools of architecture, with the rest coming from as far as Bulgaria, China and Columbia. Some, like in the Stirling competition, set out to flatter the

judge by borrowing themes and forms, a strategy van Eyck would no doubt warn

A few hint at his church in The Hague, some the orphanage in Amsterdam ond others the circular sculpture pavilion, but most have picked up the spiril of honesty and economy that underlies the projects and indeed was implicit in the brief.

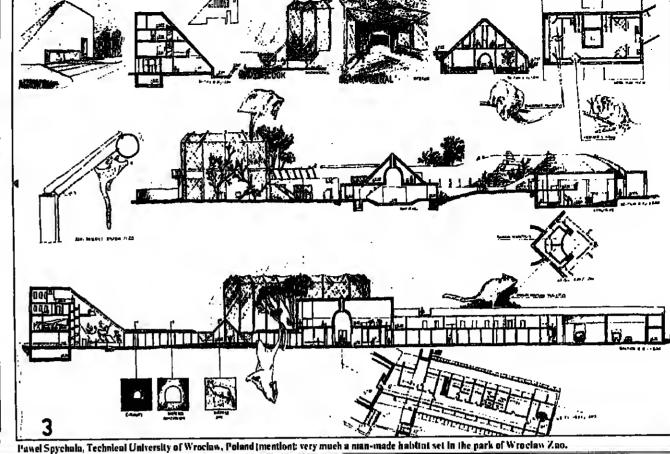
Van Eyck's joint assessor was Dick Hillenius, the prominent Dutch zoo-logist, essayist and poet (who has apparently had species of chameleon, frog and snake named after him — and is godfather of a Dutch gorilla), with assistance from Hannie van Eyck,



Julyan Wickham (van Eyck's son-in-law), Rick Mather and Lucien Lafour.

Jonathan Adams, Architectural in challen (mention): an inventive proposal for a slie in the countryside near Kassel law), Rick Mather and Lucien Lafour.

West Germany. Set in availey, the country is a low lying, discreet intervention, punctuated by observation towers.

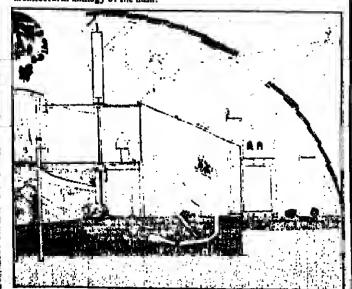


regarded as post-modern - few of the

Pankaj Patel, Polytechnic of the South Bank (montion): formed as an island between a goode depot, railway viaduct and gasworks on the Grand Union Cenal Innorth London between Regents Park and Victorin Perk, this is one of the loast likely sitee on which to find a marsuplal contre. It's prosimity to London Zoo nevertheless relidates the choice, and seen aspert of a programmo to develop the canal as a leisure and touriet fecility, the scheme ie one of the most exciting.



Susan Watson. University of Toronto (mention): a labyrinthine matrix as a rehitectural analogy of the hush.



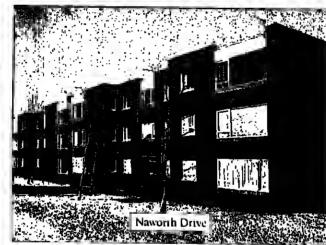
Suzanne Thurlow, Cantorbury College of Art (meatlon): an informel, low-lech response to the brief, using a sectional arrangement that was common to meny entries with an experience that the restored space on one side and an outdoor area on the other.

Like all Chairmen of Housing Committees, Councillor Hugh White had a limited budget. Yet Newcastle City Council had to refurbish

thousands of homes that had old and costly heating systems.

"Freezing flats, high fuel bills and severe condensation had created unbearable living conditions for our tenants, many of whom are elderly", Hugh White told us.

So Newcastle City Council approached North Eastern Electricity's Eric Coxall about the DEN 3 package.



Based on a new-style electric storage heating and water heating system, the DEN 3 package would be quick and economical to install. They wouldn't even have to rehouse the tenants while the work was carried out.

And since it makes the most of Economy 7 night time electricity which is less than half price compared with today's standard domestic rate—it would also be economical to run.

But before they could convert the flats, they had to convert the tenants.

Vale House As Hugh White remembers, "There was a lot of scepticism about electric heating but we managed to prove its worth".

For more information on DEN 3 speak to your local Electricity Board contact below.

LONDON Cliff Hall, 01-242 9050: SOUTH EAST Iain Ramsey, Brighton 724522: SOUTHERN Swart Holmes, Little Medical South WEST Chris Hogg, Bristol 266062: SOUTH WALES Bob Hockey, Cardiff 792111: EASTERN Ivor Pearson. In Vision 1988,

When HughVhite became involved wh DEN 3, it wasn't only lgh-rise flats that werconverted.



"We set up a show flat so the tenants could see the benefits of Economy 7 for themselves', Eric Coxall explained. "And attitudes gradually changed".

The rest, as they say, is history.

To date, Newcastle's DEN 3 package has brought warmth and comfort to well over 3,000 households, virtually eliminating condensation and drastically cutting

heating bills. In fact now, many tenants are finding their total energy costs are working out to as little as £5 per weck.

And at a cost of around £2,300 per flat using the DEN 3 package, Newcastle City Council feel this was money well spent.

"DEN 3 is proving that electricity really can do the job", says Hugh White happily.

Blakelaw

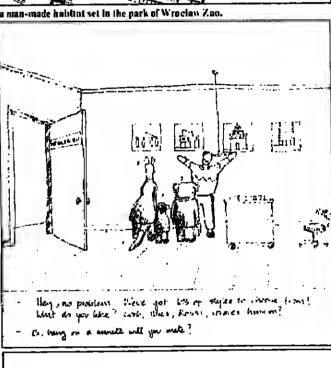
And the tenants' reaction?

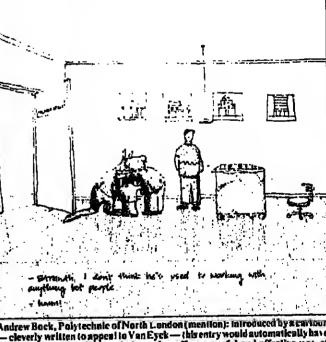
Eric Coxall tells us, "They're very happy. They've got well heated homes with affordable running costs-and who can argue with that?"

"We've had some nice thankyou letters", adds Hugh White. "And you don't get those very often". His advice to

> other local authorities and housing associations with any similar problems was simple: Come and see what we've done. Or better still, ask the tenants!"

16T MIDLANDS Jelf Carr, Nottingham 269711: MIDLANDS Eric Watt. 021-322 4000 MERSEYSIDE & NORTH WALES Malcolm Coopen restor 377111: NORTH EAST Colin Howards, Newcastle 327520: YORKSHIRE All Allen, Leeds 892123: NORTH WEST Phil Ellion, 061-834 8161.



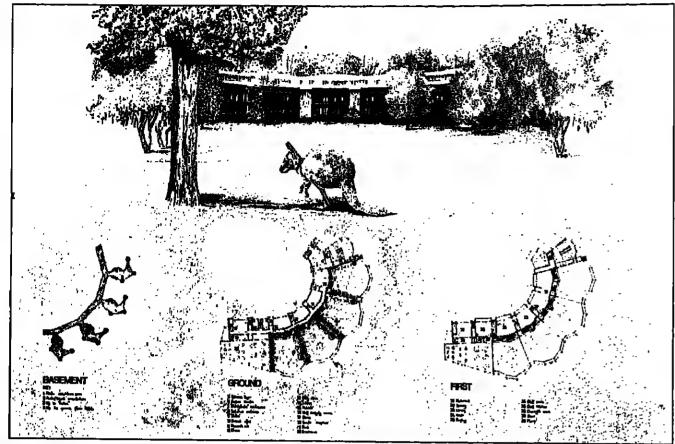


Andrew Bock, Polytechnic of North London (mention): introduced by scartoun — cleverly written to appeal to Van Eyek — this entry would automatically have attracted attention. The technique also offers a useful and effective way of communicating information that would otherwise ramaio utroad.

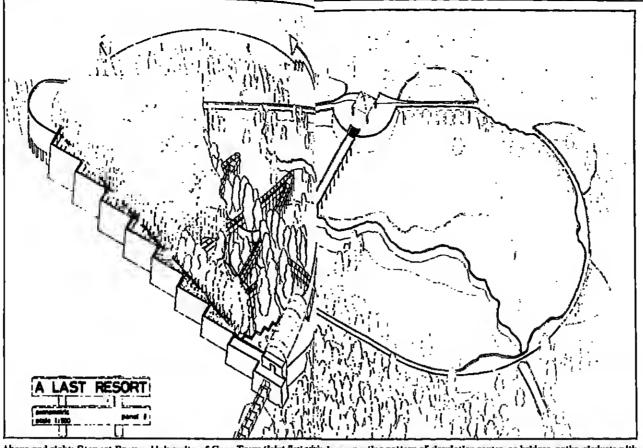


Set within the samicircular island site at the Aldwych in London (adjacent to Australia Fouse and Bush House). Book's scheme is arranged to form unatural dish with a lightweight roof within which a "natural" habitat is created. Few proposals suggested such urhan situations but the potential conflict of natural and made habituts nevertheless suggests exciting possibilities further militated in this case by the proximity of the trade and consular halldings.

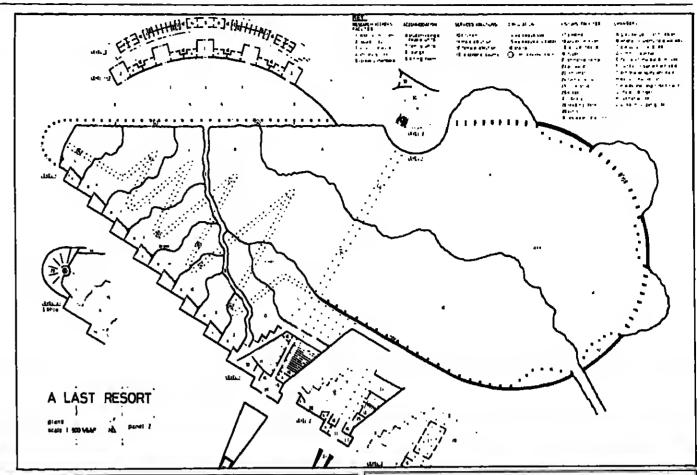


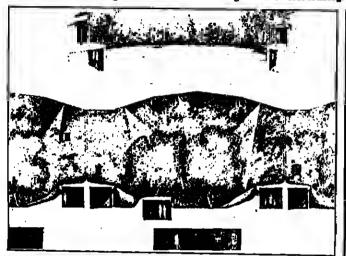


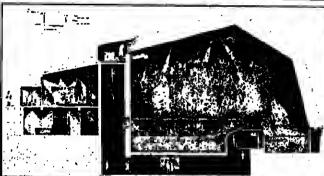
Jonathan Wilson, Buth University (Joint first prize): ao informal curved plan in woodland at Bowood House. The sectional arrangement nilows for efficient servicing and observation including first floor balcooles looking over an outdoor claarlog.

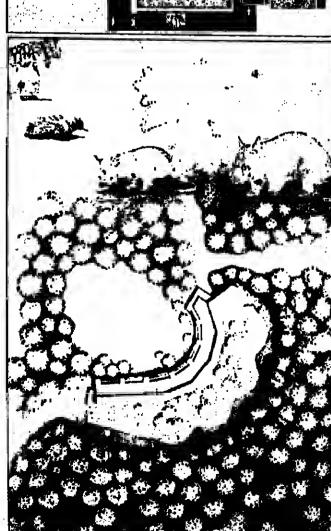


Above and right: Stewart Brown, University of Cape Town (joint first prighterconnecting pattern of circulation routes, on bridges, paths, vioducts with peripheral servicing and accommodation in expanded "walls" that serve numbers.











More than ever corporate design is playing a major role in the High Street.
However, regardless of the creativity and success of many new interior and exterior schemes, neither seems to go much further than the front door.
Little of the interior scheme is ever seen on the outside, and rarely do exterior colours and graphics find their way to the inside scheme.

scheme.

scheme.
It's a situation, however, that the designer need no longer tolerate.
For within the vast range of 'Perspex' acrylic sheet, Britain's major sign and display material, are colours that co-ordinate perfectly with the latest ICI Dulux paints and those dyes and pigments used in fabrics, carpets, wall coverings and a myriad of commercial furniture and shopfitting applications.

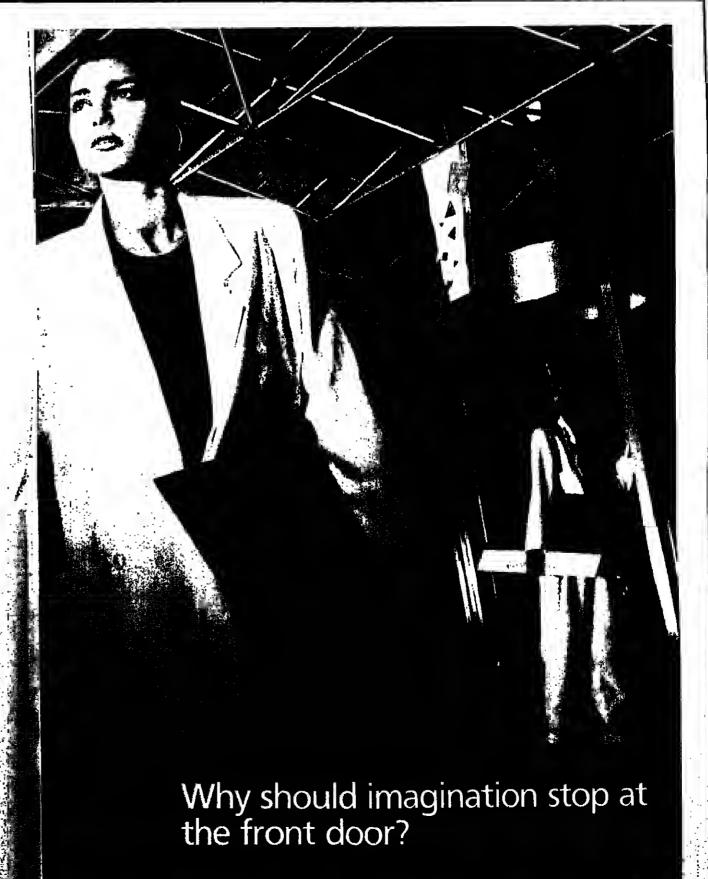
applications.

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We can even tailor-make 'Perspex' to the colour of your eyes.
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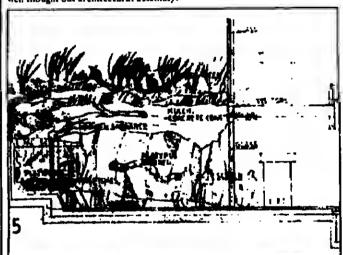
can give you.
If you'd like to know more, just write for your 'Perspex' Colour Story brochure to Philip Champion,
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PO Box 34, Darwen, Lancashire, BB3 1QB.



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Above and below: Kati Misttinen, Helsinki University of Technology (joint first prize): a lakeside site in Finland provides the sloping setting for this complex and well thought out architectural assembly.









From nail plates to CAD

Nail some seven years ago, the company has gone from strength to strength, largely because of the sop histicated computer-based backing which it has provided to its network of fabricators. This in turn has given birth to Redland onstruction Software, which has built on the skills developed in the initial truss design programs, first taking them into arens which will help the roofing contractor with estimating and administrative

packages, later into architectural design and draughting systems. This increase in activity has caused the two companies. Gang Software, to move to new and targer premises in Aldershot.

Designed by Lister Drew & Associates and built by Miller Developments, the new premises have been tailor-made to the specific requirements of the two

accommodation and over 1,630sq m of production space. The months and has a current value of

The extra manufacturing space has allo wed Gang-Nail to fulfil an increasing demand for its nail plate connectors, as well as to improve its storage facilities. On the computer software side, Redland Construction Software is busily developing further into the architectural field. In total it has six suites of programs, comprising 31 individual pieces of software. The Zeta 2000 Architectural Design and Draughting System is a powerful 2-D and 3-D system, complemented by a full range of onal features, such as zoom

What do these

have

in common?

If you would like more information on the products on these pages, fill in and return the pre-paid enquiry card.

Partitioning

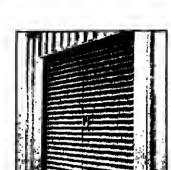


ANDERSON Construction has introduced to the British market the West German Bertrams partitioning system. This loadbearing system has been designed for quick assembly and demounting, and offers flexibility of layout. The range of modular units include solid, glazed and part-glazed panels, single and double doors in steel and timber and wall-hung storage units.

Enter 101 ON EXPRESS

Louvred doors

FULLY louvred doors with haracteristics have been added to Greenwood Airvac Ventilation's oor range. There are three infigurations for increasingly higher standards of weather ofing. The pitch of the blades is prooting. The pitch of the blades is 75mm and bird and vermin guards are snap-locked horizont



Safe window gear



FXCELLENT child safety is promised by the new Safety First tilt and turn window gear system introduced by Smith Walls. Suitable for tise on routed and surface-fixed upve and timber windows, the new system is said in he sufer than existing types with the window, rather than turning it. Far slde-hung opening, the handle ha to be turned through 180 deg, a ditticult task for a child to priem. window, rather than tur

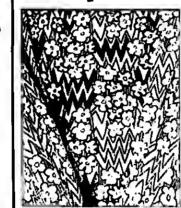
Furniture

TRILBY is a new departure for Boss Design, which has previously been associated with original throme frame furniture. This new ange is fully upholstered, classical n shape and notable for its clean, mooth lines. I he distinctive umbar roll provides additional back support and the runge includes two- and three-seater ettees, an armchair, a tub chui and rectangular or square occasional tables available in a vide choice of leather colourways. Enter 104 OH EXPRESS



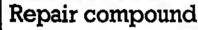


Floral prints



prints are body designed by Evel Redgrave. Jacaranda is a large scale flower print, while Jancis (illustrated) combines florat and abstruct motifs. Both designs are printed on 100 per cent easy-care cotton, 1,220mm wide, infour colourways. There are also lesigns in cotton and flame

Total (35 oil xent 55)



effects of extremely aggressive atmospheres, such as those experienced where ucidic guses are escaping from sewage, Febret Waste Water Epuxy from FEB (Great Britain) is an epoxy-based pointing and repair mortar suitable for old or new structures. Rigorous tests have demonstrated that the compound will resist normal chemical and physical attacks from sewage, as well as exhibiting excellent banding and enring properties, even under wet conditions.

Enter 106 ON LAPITE IS



Litter bin

Award and featured on BBC resistant, simple to operate ranges of attractive, yet full environmental furniture.

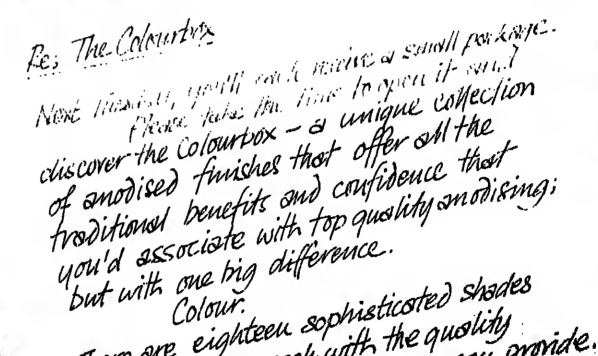
Enter 107 SNEWESSED

Graffiti remover

FOX Valley Systems has introduced a graffiti remover into its product range. Said to be effective on almost any surface, after one quick application, the remover is supplied in a handy aerosol can, 12 cans to a ease. Fox Valley guarantees that each can will empty completely and will not clog for six years front the date of purchage.



To the partners and associates of Lister Drew & Associates, Royce Hurley and Stewart, The Gillinson Partnership, Bell Daniels Slater Partnership, The John Brunton Partnership Ltd., The Thomas Saunders Partnership, Stanley Bragg Partnership, Michael Lyell Associates, M.W.T. Architects and Terry Fartel Partnership.



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There are eighteen sophisticated shades

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and depth that only anodising con provide.

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The sealant used was based on Morton-Thiokol LP Liquid Polysulphide Polymer. This has been the base for the production of high quality construction sealants for more than thirty years. It has also been the base for high quality Insulated Glass sealants for more than twenty years. The structures illustrated show successful contracts around the world, from near Artic to

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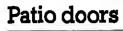
tropical locations,

3



CONTAINING a TGI-S technical pen, a Tek agraph glare-free lettering guide and a bottle of ink, all pncked in a useful work box, Faber-Castell's Technical Drawing Starter set is ideal for students or draughtsmen wanting to try a new type of technical pen. The TG1-S pen has a refined steel alloy drawing point and comes in nine different line widths from 0.13mm up to 2mm. In the set the pen is fitted with a 0.35mm drawing point.F-C also includes two 50p

Enter 109 ON EXPRESS





MANUFACTURED from Smithframe System 10 upvc profiles, the new slim-line patio doors from WH Smith & Sons (Extrasions) are visually compatible with adjoining windows because of the slimness of the frame. They come in various forms, including French doors, in-front sliding doors and continental-style tilt and slide doors. All Smithframe doors are double-glazed with a white or

Enter 111 ON EXPTESS

Drafting machine



DESPITE the CAD revolution, it is Kings Legend's view that manud drafting muchines will always be required. It is therefore pushing hack the frontiers of development in this nrea with its Mutoh range of Track Type drafting machines, uvailable with a number of differently sayed proper to be a few to the control of the co differently styled protractor heads
Latest in the innovations list is a
magnetic levitation system, using
magnetic repulsion which reduces
the energy needed to move the rail

Enter 113 ON EXPRESS

Germicidal paint

HARMFUL bacteria that may form on paint film can actually be killed, it is claimed, by Wallglaze's new Wallflex aseptic paint. Such bacteria as those responsible for Legionnnires' Disease, salmonella, diphtheria and post-operative infections, can all be slain. Walltex comes in gloss or eggshell forms, it is resistant to abrassiun and erneking, bas a abrasiun and erneking, has a surface spread of flame of Class I to BS 476: Part 7 and is maffeeted by radiation. Although it is lethnl to bugs, Wallglaze is harmless to



torch-on clastome to PF It's peace of mind.

When you specify to know it will never less to the first less than the first less than

company that developed it is some safety which is why every Cover Guana and all it is guaranteed for 10 years.

For your peace of mind call (0785) and demand the details.

Wall coverings

MANUFACTURED in Britain, the Vinyllon range of cotton
backed vinyl wallcoverings is now
available from Turner
Wallcoverings, Five of the designs
emphasise textile effects. The range
also includes two well-established
collections — Valleyweave and Touchistone — which are available in a number of colourways.
Vinyllon coverings comply with Class 0 and Class 1 fire propagation and flame spread standards and are fully washable.



Sofa

ORIGINALITY, style and comfort are the claimed features of Sofavio — a new sofa designed by Solavio — a new sola designed by Torben Skov of Denniark and obtainable in this country from Sean-Q of Greenford. Combining simple geometrie furms with bold primary colours, this settee may not be everyone's cup of tea, but it will certainly get the neighbours talking. Fire retardant foam and upholstery are used throughout. upholstery are used throughout and there is a choice of fabrics and

Enter 114 ON EXPINESS



Office furniture



SINCE its introduction in March, the response to Asher Systems Furniture's range, designed specifically for the electronic office, is said to have been tremendous.

In particular praise has been poured on the eable management arrangements — a genuine lay-in system with three separate channels. These are integral to the ventical leg and corry cables to the horizontal cavity in the desk top. A lough spring at the rear of the unit gives instant access to the horizontal electrics.

Enlor 115 CHEXPGEST



BECAUSE of its modular design, using only three window mudules, Neweron's new version of its popular Victorian pool enclosure can produce over 180 designs and size combinations. What is more, installation time, it is said, has been cut by half. Its roof is constructed of polyester finished aluminium. of polyester finished aluminium glazing bars and 10mm or 16mm twin-walled polyenrbonate glazing. The enclosure's steel frame is manufactured in standard sections, galvanised after fabrication and finished in epoxy paint.

Emoi 116 PHENTINESS

Wardrobes



wardrobe storage system which seasy to assemble, is light in welghing in construction and encourages natural ventilation. Available through National Products, this system is supplied three boxed units with basic sless to suit wardrobes up to 1,500mm wide, between 1,500mm and 2,400mm wide and from 2,400mm wide. Individual to 3,000mm wide. Individual to 3,000mm wide. Individual to 1,000mm of shelves are either 1,200mm of 1,800mm in length and can be easily cul to size.

Enter 117 ON EXPRESS

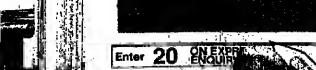




Compression fittings

IMPEL is a range of compression fittings, produced by Marflow Engineering. It is being constantly updated and extended to meet changing trade demands. The 2000 range in brass is BS kitemarked and the 6000 DZR range comprises fittings which are dezineifiable resistant for use in areas with Marflow produces Impel brass stopcocks and bibcocks, compression gatevalves and female iron gatevalves up to 100mm.

Enter 118 ON EXPRESS



June 28, June 30 — July 2 Central School of Art and Design MA and 8A industrial design degree show 1986. Venue: Central School of Art & Design, Southampton Row, London WCIR 4AP. Detoils: 01-405 1825.

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construction management seminars, organised by the Association of

W H Saunders & Son announce the July 18
Energy world and housing design, seminar organised by the RIBA Housing Advisory Group.
Venue: R18A, 66 Portland Place, London W1. 10am-4.15pm.
Cost: £46 including VAT.
Details: Tim Blackburn, R1BA, 01-520, 5513 retirement on June 30 of John 11 Saunders. He is being retained by the firm as a consultant. The partnership continues under the direction of Kenneth Newton, Alan M Seward, Gilbert E F Norman, John Scalfe, William N Molsan and James B McCilon. Finater & Partners Architects

July 18-25 Architectural conservation summer sehool 1986. Venue: West Dean College. Chichester. Details: The Administrator, West Dean College, Singleton, Nr Chichester, West Sussex.

July 18-27 Tenth Internotional course in the conservation of architectural heritage and environment in

of the practice and David Adams 8Se (Hons) DipArch (Hons) has been promoted to associate. Building Design Partnership have relocated and consolidated their three Manchester offices. The new address is Sunlight House, Quay Street, Manchester M3 3JY,

announce that as from May I Martin Storr DipArch (Hons) RIBA has become partner

People

Hugh Stewart HSc, Cling, MICL, MIStructli, has joined Riordon

eompare, five representatives of leading suppliers describe the important features of their systems, organised by the organised by the Association of Research in Construction Management to follow its annual general meeting. Venue: The Depurtment of Telephone 061-668604, fax 061-812 Association. Venue: London Press Centre, EC4. Building Engineering, UMIST. Details: 061-236 3311. Venue: Royal Abbey of Fontevrnic Cast: TUA members £95 plus VAT, non members £125 plus Detalls: Bernadette Gradis, (1) 42 Burns Associates as partner. 2591 92. Detalls: Liz Goodwin 01-242 4141. The PARX: How the major systems Created any new dimensions lately? Probably; but we think our creative claddings, casings and facings could allow your imagination even greater scope. Whilst watching the budget of course! Think of it. Metal based units individually manufactured to meet **your** ideas on shape and size. A virtually unlimited range of colours, textures and materials as finishes and a host of **practical** budget and time saving advantages too. - NASSELVENSE E LAUDINGS LIGEUSEN FALDRUS AND AIR CONDITIONING CASHIDA Too good to be true?

Monday Renderings, a one-day course organised by the Cement & Concrete Association in eonjunction with the Institute of Clerk of Works. Association training centre, Fulmer Grange, Fulmer, Slough Detalls: (02816) 2727.

Asbestos hazard, a seminar organised by the Thomson Laboratories. Venue: London Hilton Hotel. Detalls: Philip Blowfield (0908) 562925.

Tuesday Concert by the Alderney Wind Quintet from Trinity College of Venue: RIBA, 66 Portland Place, London WI.

"Housing — design for the people", organised by the Polyteelinie of North London

Detalls: 01-607 2789 (ext 2485).

erral international entitle architecture congress. Venue: Cotholic University of Louvain, Selgium. Cost: 12,500 B.F.(£170 approx). Details: Michael Bitekley, The

Reading architecture: the meaning

Uetalis: Jon Finlayson 01-607

Thursday
The Natural City.
Venue: Risley Moss Nature reserve.

Warrington.
Cost: £65.
Defalls: Conference Secretary, Pat
Vaughan, 061-273 3333 (ext 3634).

Cost: 175.

Tuesday-Thursday
First international elimatic

Cost: £1. Detalls: 01-580 5533 (ext 4142). Tuesday Self-built Europe, a talk by Byron Mikellides, the last in the series

> July 16-17 Exhibition of work of students at the Inchbald School of Design. Venue: 7 Enton Gate, London Design, 01-730 5508.

stamed glass. Venue: Muritime & Industrial

Coming soon

Walshe of the Countryside
Commission, organised by the East
Midlands Landscape Group.
Venue: Loekington Hall,
Kegworth, Derby, 7pm.
Detalls: Phit Rech (05097) 2772.

July 10-12 RIBA Conference. Venue: London. Details: 01-580 5533 (ext 226).

Venue: Civie Centre, Neweastle upon Tyne. Cost: £25 plus £3.75 VAT.

July 14-16 Black laying course, organised by Interpave, the Concrete Block Paving Association. Venue: MSC Skillcentre, Torrington Avenue, Coventry. Details: Mr R Vickers, Interpave, (0633) 536161.

Subscription details

AII

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PROVISIONS ACFIRE AND HEAT

Constructional hearths These should be provided whe

100 mm

THATI'S INEW?

unber of requirements for constructional hearths disappeared, such as the level of the hearth which now be lower than the adjacent floor if it is bustible. Rules for superimposed hearths have gone, ave conditions for pits for ash containers. Back-togrates now have to be separated by 200mm of non-bustible material, formerly it was 100mm. The ration of the provisions for constructional hearths the location and shielding of nearby walls that terly applied to oil burning appliances whose mal surfaces did not exceed 100deg C, has been nded to solid fuel units with similar characteristics.

0

60

New life for resorts, seminar organised by the Town & Country Planning Association. Venue: Pembroke Hotel, North Promenade, Blackpool. Details: Sally Searlett, TCPA, 01-930 8903.

Thursday-Friday

Friday until July 10 Conservation of historic landscapes, parks and gardens course. Venue: West Deao College, West Sussex.
Cost: £270 for residents, £180 for non-residents or £30 each day, including lunch and dinner.
Details: 01-636 0974.

Exhibitions

Until October 5 William Morris woven textiles. Venue: William Morris Gallery, orest Road, London E17. Details: Kate Thaxton, 01-527 5544

July 4-August 31 Society of Wood Engravers & Relief Painters 49th annual exhibition. Venue: Geffrye Museum, Kingsland Road, London E2. Tucsday-Saturday 10am-5pm, Sunday 2-5pm. Admission free. Detalls: 01-739 8368.

July 8-July 18
Fostlynl of Engraved Glass '86, organised by the Guild of Glass Engravers.

July 15 One-day programme of

Building Design is published weekly and eent free o Building Design is published weekly and eent free of cherge to registered erchitedts working in the UK and selected membere of eliled trades. Subscription rates: one yeer £30, overseas \$80, single copies 60p. Orders to: Subscription Dept, Morgen Gremplan (Construction Press) Ltd, Morgen Gremplen House, Celderwood St, London SE18 6QH (01-855 7777).

ERENCES

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actory made insulated hod of test for factory made insulated

This week

Venue: Church of St Lawrence Jewry next 10 the Ouildhall, London. Details: Publicity Office, 11 Cleve Road, West Hampstead, London NW6. 01-624 8781.

July 14-16 Central School of Art & Dasign MA and BA Industrial design degree

Pall Mall, London SWI. Monday 1pm to 8pm. Tuesday and Wednesday 10am to 8pm. Details: 01-405 1825.

July 14-August 1 Art in architecture, organised by eommissions agent Jeremy Hunt and architects Derek Latham Venue: St Michaels Gallery, St

Michaels House, Queen Street, Derby DEI 3SU and Derek Latham Associates, St Michaels, Details: Jeremy Hunt 106021 470674 or John Goom, (03321

July 14-18 14th PTRC Summer Annual Meeting and Exhibition. Venue: University of Sussex,

Details: 01-836 2208. Venue: Polytechnic of North London, Holloway Road, London

SW1. 10am-5.30pm. Details: Inchbald School of

Until July 28 Feeling through form, lending contemporary sculptors. Venue: Barbicon Centre, Sculptor Court, Level 8, 1, ondon EC2. Details: 01-638 5403.

ECD Partnership, 11-15 Emerald Street, London WCI. 01-405 3121. Until July 30 Architectural drawings by I lugh Ferris, organised by the Whitney Museum of American Art. of entrance, o design workshop organised by the Polytechnic of North London. A short day-release Venue: Whitney Museutt of American Art, 787 Seventh Avenue, New York, New York Venue: The Polytechnie of North London, Holloway Road, London

Details: (212) 570 3633 or 554 2468 Until July 31 Working with light exhibition of

July 8 The elderly and housing design, one-day conference organised by the National Housing & Town Planning Council. Venue: Fairfield Halls, Croydon. Cost: £10 per head. Details: NHPTC, 14-18 Old Street, London ECIV 9AB.

Access for disabled, lecture by Paul

July 12 Building conservation workshop, organised jointly by the Newcastle upon Tyne City Council and the Association of Conservation

out. Henry

modern flue pipes through obustible material doesn't tally with moinsulation and ventili requirements. they were be requirements a need sorting can't follow the

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REQUIREMENTS No 35 J1/2/3 Solid fu

BY HENRY HAVE

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EASIREG SIÇIL,,

Enter 22 ON EXPRESS ENOUGHY CARD

Ron Macdonald wants rethinking on

of education.

some fundamentals

Although in this article I ahall be critical of some aspects of our architectural teaching, 1 must make it clear that I am completely against the cloaure of any achool of architecture in Great Britain, and I raise the subject because all of us in teaching have been forced to examine and re-examine re- to the definition of architeccently what it is we are trying to tural technology which is given

This article is aimply on illustration of the kind of thinking I have been doing for some time, in the hope that it may stimulate thought or diacussion on the subject through this newspaper because, whether we like it or not, change is going to come to schools of architecture foreed by the Government through NAB/ Esher or the HMI report, or by he professional body in its preoccupation with numbers or EEC architects working here. Since that change is, in my set by the RIBA, even though opinion, inevitable, we might as only a tiny proportion of well take the opportunity to rethink our teaching philosophy in a way which we have not done aince the Oxford Conference of

By and large I believe that British schools are better than our European counterparts (for reasons which I do not have the space to go into) but I also believe ourselves to be capable of substantial improvement (some schools, of course, more than others), particularly in the area of "technology" and I am going to restrict my discussion

to the "technology" subjects, I do not think you can or should separate "technology" teaching from the design process - you cannot, and it is not I hat I do not believe there to be substantial problems in "design" teaching. I do, but simply because dealing with technology subjects in architectural education has been one of my major preoccupations over the last 14

First, let us call the subject "architectural technology" to distinguish it from all the other technologies around. "Arehiteetural technology" might be described by practitioners as the area of design which ensures that buildings do not fall down, lists" being issued by the let in rain, become too hot, and various bodies responsible so on. "Competence" in other worda, although the definition does not take into account attributes of design such as richness which can only be achieved by a designer who underatands detail design in soma depth.

The "competence" definition, however, is probably superior, or at least more useful by the RfBA in terms of the external examination for membership. Schoola of architecture survive because the RIBA recognises that the achool's examinationa are at least as rigorous as the RIBA's own external examination, and the students are therefore exempt from these examinations (and, of course, once such "recognition" is withdrawn, the school

is operationally finished). Therefore achools must, under the present system, at least base their own examinations on those atudents now qualify for membership by sitting externally.

Flaws

Architectural technology as presently defined by the RIBA contains four main areas of study: Theory of structures; principles of building (including "mnterials") and design technology, that being the implementallon of architectural technology teaching in terms of

design work in projects. There are major flaws, however, in using this sort of categorisation, the most important of which is the categorisation itself. While it is obviously necessary to separate certain characteristics of building design in terms of competence (design to keep noise out is, obviously, a different kind of activity from design to keep fact - and carried out as soon as buildings from falling down), the eategorisation has led to a teeching system in which spe-

TECHNOLOGY

This specialisation was orig-ally brought about by the example, any more difficult for inally brought about by the ples set out by the 1958 Oxford Conference which encouraged specialiata from the sciences to come into architectural education, which would have the effect of raising the academic standard. The aim was understandable, and certainly an improvement has taken place in literary skills where the mported methodologies from English, history and the social sciences have been directly applicable to the designer's need to analyse and write, but the same cannot be said of the "technology" subjects, where specialists have brought into architecture the so-called "acientific" tradition of examining one variable in depth, when this kind of model is inappropriate for architectural study which requires a different multi-variable

finitely more important than When you combine the isolation of these subject areas with the teaching method used, which is mostly the "tradilional" lecture (and tested by the traditional written examination!) then you have a recipe for student incomprehension. The huge and indigestible pudding called architectural technology into which dozens of new ingredients have been thrown (in the hope that it will all come out all right) will only become comprehensible if it is all put together by means of constant design practice through project - "design technology" in

model where breadth is in-

possible after the student is given the information Even this will not work loo evaluate how important each of

claliam in these individual well unless the technology these factors is, and to produce subjects has been encouraged to lecturer can act as a studio tutor the detriment of "whole build- along with the architectural tutor (is learning "aesthetics" an engineer than "energy calcuaverage practitioner, unfamiliar with schoola, might think this to be so obvious as to be not worth atating, but he might be sur-

architectural tutors.

New model

teach architectural technology

by means of design technology

- the constant practice of

design activity in project work (sometimes with limited goals,

sometimes testing the students

total knowledge at any one

time), after an initial period (the

first year of a course?) during

which the principles of the

subject are taught by traditional

lecture methods, or program med

learning of some sort. Teaching

by design has also the enormous

advantage in that the architec-

(and therefore most likely to

reality to replace the individual

various technological subjects,

of the subject.

TEACHING

them to the possible detriment lations" for an architect?). The of the other. This model must be the framework into which the individual technology subjects prized at the number of schools where the apecialist teachers of

The lack of such amodel in the teaching process, while my most serious criticism of present the technology subjects would never be allowed near the methods, is not my only criticism. The other main one is the precious "design" domain of the relevance of some of the existing teaching within the technology aubject areas. Using, for convenience, the RIBA subject You can, in my view, only

in the design a model of reality

which in a crude sense will more

acceptable level, rather than

deal in fine detail with any one of

or less satisfy all eriterin ut an

titles, let us consider the subject of "structures", How many of the architects reading this article have ever calculated a slab, truss, beam or column (that does not include picking a suitable number from a safeload table) in their professional lives, or ever considered many detail "moments of inertia" or "section module"? Very few, I imagine, but yet this teaching in many schools of architecture, bused on the notion that a simple design condition -a column, u beam, n tural student is most motivated slab in a small job, is going to he learn) while carrying out the designed by the architect, and design process, but we need a that from this tenching of the new kind of model of building nature of bending, shear and so on in a simple condition, the models which exist in the designer will understand the behaviour of the whole building structure.

and tend towards "fine tuning" I do not think this is n I think that model is to do with correct assumption, and the buildings for which the archief how the building performs as a nature of structural teaching ulone is responsible, should whole, as an object which does not equip the student to deal competently with the tench architectural students? variously is subject to loads, winds, heat, cold, noise, rain and ontside world, which in terms of so on. The student requires to be the architect's understanding of structural behaviour (and his viour of walls, floors and rolls able, in the design process, to liability) is different from what it meting Together as a whole

ing methods were adopted me

I think today's student at architect has to have to different sorts of skills inter of atructures; one is do with approprioteness of choice structural systems for building where the design leam s. include a structural engine and the other to do with is safety of buildings (smallers: probably unframed) for whi ne alone is responsible (E

The first of these its

involves the comparison at

evaluation of different str. tural systems in order to find it most appropriate solution to b design condition, both fromth column). point of view of structure economy and its aestheis suitability for the space which encompasses. This has alway been a difficult area for How tural engineers to teach (exce for rare birds like Peter Rice Tony Hunt who mansge tok able to talk about the comple behaviour of the whole building in terms which are immediately comprehensible to architectur students) and it is one which's surely a natural for the conputer (for the sort of "mice" readily available at educational institutions as opposed to the very suphisticated hardware used hy, for example, the Ang

Safety

The second of these skills, the design lowards "safety" in think, he the vehicle used to detailed understanding (indiding ententations) of the bear

structure (instead of, at present, architecture by practising archi-

Not only would this have the advantage of teaching basic structures in terms of building elements with which the student is familiar at the beginning of the course, but it would actually simulate the present state of practice increasingly dominated more and more complex codes of practice, and standards (such as the new BS 5268 on structural timber) and the severity of Building Regulations requiring the architect to actually carry out this sort of calculation (which he mostly cannot, at present, since it does not involve a simple beam or

If, however, we were to try to solate the two most significant failures in post-war building arising from what we are calling "technology" sources, they would probably be, first, the failure of simple building sys-tems — such as flat roof finishes, deterioration in timber roofing due to condensation. and so on - and secondly, the sheer ugliness and shoddiness of much of the architectural detailing which abounds in our ldings. Both of these types of failure are categorised as being under the banner of "principles of building and materials" the second of the RIBA teclinology

It is this subject which has probably caused the greatest degree of difficulty in post-Oxford teaching in schools for the very reasons that make this subject difficult in practice. Before the post-war explosion of industrialised building techniques and the emergence of a vast range of untested building components, "construction"

the columns and beams of a tects or the equivalent of today's building inspectors, who taught students how to draw (if not understand) eaves detnils, foundation details and so on of traditional building conditions.

If the student, when he became an architect, did not quite get it right, the result was not a catastrophe, since it could be fixed by avuncular clerks of works or skilled traclesmen. It is not necessary in this article to define how different the archireethral work is now from those haleyon days, and we know now that most of the failures in postwar building construction came about because we had no real understanding of the behaviour of moist air, or wind-blown rain, or the properties of plastics, for example, There is no doubt that the teaching of the scientific principles of air movement. emperature gradient and so on has brought about a substantial improvement in the quality of the modern student's understanding of what actually happens in materials and their assembly in the environment. and I think that there is little likelihood of the modern stu-

Timing

dent designing the kind of

buildings built in the 1950s and

60s by traditionally trained

designers which have caused us

so many problems.

If, however, the first "failure" described above has been mostly made right by post-Oxford teaching of scientific principles, the second |detailng) has not. The pre-Oxford teaching system had the advantage of very few lectures and a lot of project time, which meant that students had plenty of was mostly taught in schools of practice in trying to detail what any attempts by government or bodies give us the opportunity.



they were designing. course, and particularly the "technology" components of it, takes up so much time in terms of input that students do not have time for, or are not encoumged to try, detail design ingless appendage at the end of

of their ideas unless as a mennthe "design" submission entirely at the wrong place in the design process - so that the student has little idea about attributes of design such as "appropriateness" or "consist-" ill design at n detailed If I was lonking for a model to illustrate what I have just said I

would look ut the work nf Mackintosh at Hill House, or Horta at the Maison Hnrtn in Brussels, in which it could be seen that all the aspects of "principles of building" are so much part of the overall design, at all scales, that any distinction between "design" and "technology" is spurious. In particular, one conscious of the same visual relationship between small components and between large ones — there is, in fact, a language which is constantly being used and which contributes substantially to the wholeness" of the design.

If I was attempting to suggest improvements as to how we might teach "principles of building and materials" in the way that I have tried to do in only be that we retain our current efforts at teaching scientific principles, but that a great deal more time has to be spent in project work in encouraging the student to design in detail - throughout the design process, I do not think there is any substitute for the student practising this ert and

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The modern architectural tecture courses from five to four vears carries this penalty (unless, of course, practices are prepared to take a grenter responsibility for training).

Of the four subjects preaently under the architectural technology umbrella, the environmental sciences require the least change because of the impetus given to that subject by the energy crisis and the consequent uhundance of techniques and programmes available for use on microcomputers, which can allow the student to test his design against climatic criteria throughout the design process,

Coherence

In conclusion I would suggest that in terms of the subjects of "architectural technology" we need to seriously rethink the way we teach structures, rethink the way we teach "detailing" in relation to design, but most of all rethink the way we divide up for convenience of examination the subjects of technology. Instead we should consider the simultaneous teaching of all these subjects under one heading: "Design technology", tanght (after an initial and short perind of the teaching of "principles"! by project work only and by tutors across the professiona band, who are capable not only of dealing with their own subject terms of "structures", it could area in depth but, more importently, capable of seeing thut subject as part of a whole

building model. If we can do that, I think we will be ahead of most of the world in at least the "technology" or "competence" end of architectural education. Provided, of course, the Government and our professional

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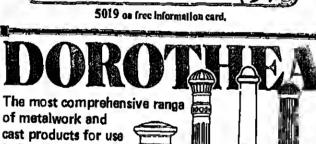
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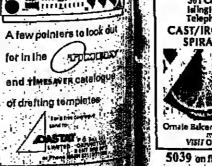


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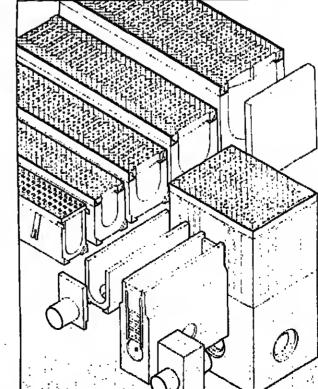
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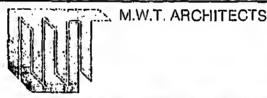
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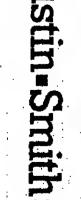
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9. NEWCASTLS UPON TYNE. Arch Technician for wide range of projects. Sal. Nas. 10. ONGAR, Essex, Architectural technician with interest in and Salr for Interior classin, to work on pubs, clubs, a tc. Sal. range £8000-£19000.

11. WARE, Nerta. Architectural assistants with some experience needed to work on tracitional housing scheanes. Sall. neg.

12. HRGH WYCOMBE, Busica. Graduate enchitect to assist with urgent drawing programms for interior layouts/fitting out works 5 help with technical studies & cleased briefing development. Draughtsman/tech to assist with interior layouts 8 retains 5 and 10 per 10 pe

datalised briefing development. Draugh Ismany sech to asset won interior repor-datalis. Sels. neg.

13. CAMBS. Experienced architectural technician for permanent or temporal on commercial returbishment projects. Es neg.

14. RICHMOND, SURFAY. Busy practice are looking for job architects. Good opportunity to join well known firm. Sals Neg.

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Applicants are invited to work on new projects for Architects preferably recently qualified with flair for design and presentation, prepared to work on own initiative and a willingness to accept responsibility.

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The Building and Civil Engineering Department of Courtaulds Engineering Limitedisan integrated group of Architects, Structural and Civil Engineers and Quantity Surveyors providing a comprehensive building design service for new and rehabilitation projects in the UK and overseas.

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Candidates should be self-motivated with a sound professional background in an industrial and commercial environment. Considerable experience in dealing with clients and contractors is essential, as well as proven ability in design and presentation. Optimum

age 35/45.
This appointment offers the usual benefits of a large Group including a contributory pension scheme and relocation assistance in oppropriate circumstances.

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Peter Sargent & Mark Potiriadia will meet all short listed applicants in early July 1986.

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Surveying qualifications an previous experience of

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drawings and

consultancy involved in projects

Box No. 3645, c/o Building Design 30 Calderwood Street, Woold Landon SE18 6QH

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Apply in writing toDougles Smith S Father
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Montrose Architecture

HEREFORD CITY COUNCIL

CLERK OF WORKS

Hereford City Council require tha services of a Freelance Clerk of Works for a Re-Roofing Contract of approximately 16 weeks' duration. Wide experience and sound knowledge of flexible roofing systems is essential.

Application forms can be obtained from the Chief Executive and Town Clerk, Town Hall, Hereford, to whom completed forms should be returned by Monday, the 7th July, 1986.

SOUTHAMPTON CITY COUNCIL

QUALIFIED GRADUATE ARCHITECT Salary range £8,979-£14,604 pa

Selery renge 26,779-214,604 pa
Applications are invited from Architectural Students in their last year, who expect to
graduate this summer, for a two year fixed term appointment in an office undertaking o
wide renge of public sector projects. These include new build housing, capital schemes
undertaken in association with the Hampshire County Architect, and a substantial
programme of work in both the conservation and development of the City's heritage of
historic buildings. The post will provide a good opportunity for a Cardiate to developing
or her experience prior to taking the Part III examinations, and also to make a significant
contribution to the work of the Department. It is hoped that the successful candidate wis
start as soon as possible and a provisional appointment may be made pencing
examination results. The commencing salary will be 58,979 per annum. on forms available from Oty Architects, Civic Cantre, Southempton 509 4WZ. Ta isphone Southempton 529 466.

Gosing date: 9th July, 1984, will be judged solely on its marits mespective of secs, marital matus, sec, sexual orientation, egs, religion or disability. An equal opportunity employer

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SO1 (£9,975-£10,638) plus essential caruser silowance

Columbus First Housing Association is a dynamic and forward looking housing association with a large programme of major repairs. We welcome applications for these 2 new posts from Clerk of Works who have at least 5 years experience either as trade supervisors or Clerk of Works covering all aspects of building. One postwill be based in Maldstone/Southand South East London and the other in Luton with responsibility for 2 to 3 major repairs contracts with values of £200,000 to £500,000 for each contract. The job involves some travel and a current driving licence will be

Columbus First Housing Association United is an equal opportunities employer. For further details and application form please ring us on (01) 521-1121 or write to CFHAL, 152 Blackhorse Road, London F17 6NH.

Closing date for applications is 21st July 1986.

ARCHITECTURAL TECHNICIAN

Salary up to £10,984 par annum inclusive

A fully qualified (SAAT) and experienced technicion is required to Join a small group in the Architect's Division undertaking feasibility studies and complete design projects from inception to final account for all Council service committees

A system of flexible working hours operates averaging 36 hours per week.

Application forms and further information available Department of Development London Borough of Croydon Taberner House, Park Lane, Croydon CR9 1JT (Tel: 01-686 4433, ext. 2217)

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EXETER CITY COUNCIL

To allow for the acceleration of the City's interesting and varied capital programme of major housing and leisure projects, the following additional team members are required for the Design and Development Division.

> Architect/Architectural Assistant Scale 501/502 £9975-£11604 (Temporary post for 18 months) **Architectural Technician** Scale 5 £7920-£8697 (Temporary post for 24 months) Architectural Technician Scale 4 £6900-£7713

(Temporary post for 18 months) In addition to working on the production of design and construction drawings for major newhousing schemes, you will be involved in all aspects of our varied programme including works to Historic Buildings, Infili schemes, conversions and leisure projects.

Assistant Quantity Surveyor Scale 6/SO1 £8979-£10638 (Temporary post for 12 months)

You will be responsible for the preparation of Bills of Quantities for both large and small schemes up to and including tender stage under the direction of the Principle Quantity Surveyor.

For an Informal discussion, telephone John Dodds, Assistant Director (Designand Development) (0392) 77888 Extn. 2426.

Further details and application forms are available from the Personnel Officer, Civic Centre, Dix's Field, ExeterEX1 1JN. Tel. no. (0392) 77888 Extn. 2200, or can be collected from the Reception Desk at the Civic Centre: Closing date: Monday, 14 July 1986. THE COUNCIL IS AN EQUAL OPPORTUNITIES EMPLOYER

CIVIC TRUST an environmental charity, wishes to appoint

PROJECT LEADER ILFRACOMBE An intensive community-based programme of environmental and economic improvements is being set in hand by the CMc Trust in lifracombe - a traditional seaside resort on the north coast of

Devon. This new initiative, a successor to the Wirksworth project, is supported by North Devon District Council and other major local and national agencies. A Project Leader is sought who can initiate action, raise standards

of any romental design, work well with local people, and manage this important project soundly under CMc Trust control. The successful candidate may well hold one or more of the following qualifications: RIBA, RICS, RTPI, and will have proven leadership experience. He or she will be based locally. Closing date for application 14 July.

For further information, contact Paul Dayles, Principsi Architect/Planner, Civic Trust, 17 Cariton HouseTerrace, London SW1Y 5AW.

BRADFORD HEALTH AUTHORITY

BUILDING OFFICER

BRADFORD ROYAL INFIRMARY

The person appointed wis be responsible to the Senior Building Officer for oxiding maintenance, operations and minar works programmes covering the BroadfordRoyal InfirmaryWorks Unit. A craft background would be useful together with one of the following minimum qualifications; OKC Building: Diplama of the Association of Building Technicians; City and Guilds Construction Technicians Certificate (No. 262) or an acceptable atternative. Salary scale £7978 to £8999 per annum, plus up to 15% incentive bonus

Further Information available from Mr. R. Peach, Unit Works Officer, Tele: (0974) 49200, Ext. 247. Job Descriptions and Application Forms from the District Personnel Officer, Bradford Health Authority, Dalsy Bank, 109 Duckworth Lane, Bradford, West Yorkshire 809 6LR, Tele: (0974) 494133, Ext

SHEFFIELD COUNCIL Working for a better City

Assistant Planning Officer — Urban Design and Conservation Section
Carea Grade SC 5/SO2 £7920-£11604

nner or graduate planner with design flair, or an Architect with a planning round, is required for this challenging post. The City Council is committed to wingthe Oty through an imaginative programme of conservation, regeneration and relopment. Should postacts a clear commitment to improve the physical imment and the ability to take one widerange of projects including environmental provincents, planning briefs, design advice and detailed land use proposols. For further details please contact Andy Topley, Iel. 1974;734190.

PPLICATION FORMS FROM THE PERSONNEL OFFICER, DEPARTMENT OF LANDS PLANNIN 10901 HALL SHEFFIELD, 51 9141 TEL 8749-734517, CLOSING DATE 10TH JULY. nity Employer we particularly welcome applicate black people and people with disabilities.

An Equal Opportunity Employer VALE OF GLAMORGAN BOROUGH COUNCIL Department of Engineering and Building Services

ARCHITECTURAL TECHNICIAN

Scale 3 or 4 (£6934-£7715 p.s.) Applicants must possess the H.T.E.C. (Building) qualification or equivalent The dubles of the Post will include the preparation of drawings and surveys of buildings and land under the direction of seniar staff.

Grade and commending salary will be dependent upon qualifications and Conversing members of the Authority, directly or indirectly, will disquotify the condidate.

The Council han Equal Opportunity Employe int Services, to whom completed forms must be returned by MONDAY 14th JULY 1986.
Civic Offices, Holton Road, BARRY CF6 6RU.

Senior Architect - (CA 18)

PO 35-38 £11,850-£12,885 Humberside County Council, County Hall, Beverley, N. Humberside

N. HUMBETSIGE
Applications are invited from experienced Architects who have substantial design flair combined with a sound knowledge of building construction and who are keen to work to their Ni Spotential.

The successful applicant will be a member of a multi-disciplinary department with an annual capital programme of approximately £10 million dealing with Schoots, Colleges, Libraries, Police, Fire and Social Servicts.

Qualified Architects with eminingum of 3 years post qualification experience and member of the R.I.B.A. will be preferred.

Semoval expenses are paid in approximately £10 million dogsther with a contribution towards relocation expenses.

Application Forms from

BOROUGH OF TORFAEN

PRINCIPAL ARCHITECT PO (37-40) - £12,513-£13,662

Post Number M. 8

Applications are invited for this post in the Architect's division of the Technical Services Department of the

The post is presently based in Combran and benefits include Essential User Car Allowance and, if appropriate, relocation expenses and a lodging allowance for a maximum of 12 weeks.

Application forms and further details may be obtained from the Personnel Department, Gwent House, Combran telephone Cymbren (06333) 67791 exts. 295/286), to which completed epplications should be returned not later than Friday, 11th July, 1986.

THIS ADVERTISEMENT APPEARS WITH THE AGREEMENT OF THE NEW TOWN STAFF COMMISSION.

To place your advertisement ferephone 01835 7777 ort 453 or 9004 takes (no 896938) or write to Peul Nudde Building Design Classified, 30 Calderwood Street, London \$E18 6QH. CLASSIPED ADVERTISEMENT RATES E 19.50 per single column centimetre Box number £9. Six columns per page

City of

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WAKEFIELD

BUILDING SERVICES DEPARTMENT Senior Architect

The Architectural Division of the Building Services Department requires an Architect of proven design ability and of several years post graduate experience to join a group dealing specifically with West Yorkshire Police Authority projects. The successful applicant wisbe responsible to the Group Architect (Police) and will be required to undertake a varied workload ranging from smaller alteration works to multi-million pound projects throughout the West Yorkshire Area. He/she should have an enthusiastic appropriate to the work and he able to mother the diffusion pound. approach to the work and be abla to motivate staff in the achievement of programmed objectives. The Architectural Divisor has a CAD lacility and some knowledge of these techniques may be anadvantage. Acar allowand and car loan schema are available. Applicants should possess a current

Requests for application forms (accompanied by an see.) should be addressed to The Chief Executive, (Personnel Section), Town Hall, Wakefield, WF1 2HQ, to be returned by 9 July, 1986.

HAMBLETON DISTRICT COUNCIL

SENIOR ARCHITECTURAL TECHNICIAN

Scale 4/5 (£6,900-£8,697) Applications are invited for the above post which is in the Council's Planning and Technical Department.

The workload will include the design, contract preparation and site supervision of new-build and revitalisation schames throughout the district. The applicant should be qualified to at least Higher Tech or similar, preferably with appropriate endorsaments.

Application forms and further details may be obtained from the Chiaf Planning and Technical Officer. Hambleton District Council, Bedale Hall, Bedala, North Yorkshire, DL8 1AA (telephona 0677-23131).

Completed forms should be returned to him by Friday 11th July 1986 in an envelope marked "Confidential - Post P.T. 69". C. Spencer, Chief Executive & Clerk of the Council.



ALEMANDRA PALAGE & PARK

Architect

To work with the architectural project team running the major works of reconstruction and redevelopment et Alexendra Palace: the present contract value is £30m and additional

Comprehensive design, datalling and site experience is required and experience in specialist restoration work will be

The eppointment will initially be for one year and may be extended to two years depending on worktoed and duration of

Application forms and further details are available from Ann Wilds, Development Team, Alexandra Palace, Wood Green, London N22 4AY. Talephona 883 6477 Ext 47. Closing dete

> NORTH TYNESIDE METROPOLITAN BOROUGH COUNCIL **ARCHITECTS DEPARTMENT**

DEPUTY CHIEF ARCHITECT

80% JNC Chief Officer's Range: (£17,044-£18,753)

Applications are invited from experienced architects for this second tier post to assist in the management of a multi-disciplinary department which employs 120 staff. The Department is responsible for carrying out the Council scapital and revenue programmes and provides architectural, quantity surveying, electrical engineering, mechanical engineering, and landscape architecture services.

Iandscape architecture services.

Applicants should be Registered Architects with senior management experience, preferably in Local Government. In addition to deputising for the Chief Architect, the successful applicant will be responsible for co-ordinating the work of the multi-disciplinary design teams.

A car user allowance is payable and assistance in relocation expenses may be given.

For further details about the post, please contact the Chief Architect, Mr., J. M. Grinsell (telephone 091 266 4911).

Closing Date: 11th July 1986.

'It is the policy of this Council to provide equal employment opportunities and consideration will be given to all aultably experienced and qualified applicants regardless of disability, sex, write for applications for the above post, including a sae and

Write for applications for the above post, including a see and quoting the job ref, no, to the Personnel Department
7 Northumberland Square
North Shields
Tyne and Wear
NE30 100

PUBLIC SECTOR APPOINTMENTS

Applications are invited for the above post in the Architectura Sarvices Olvision of the Department of Planning and Development Applicants should have at least 2 years practical experience of preparing drawings for housing and other schemes, must have reasonably good knowledge of surveying, building construction and preparing presentation drawings, preference will be given to candidates who have either completed part of their architectural training, or who possess HNC in building, or hold similar other

The successful candidate will be able to obtain all round experience, including the running of some small schemes.

Provision of housing accommodation will be considered in an appropriate casa and removal and disturbanca allowances will be paid in accordance with the Council's own schema, up to a maximum of £2,000.

Applications in writing with full c.y. and including the names and addresses of two referees, to be accompanied by a questionnaire, obtainable from the Personnel Office, 66 Bath Street, Abingdon, Oxon OX14 1ED. (Tel. Abingdon (0235) 20361, Ext'n 54). Closing date for receipt of applications, Friday 11th July, 1986.

The Scrough of Eastleigh is aituated in Southern Hempshire

The New Build Projects Section of the Technical Services Department, which provides en in house deisgn, contract proporation and supervision service for all the Council's new build projects, ranging from village halls and pavilions to 50 unit sheltered housing schemes, have the following two

ASSISTANT NEW-BUILD PROJECT MANAGER/ PRINCIPAL ARCHITECT

£11,604 to £12,512 pa (pay award pending)

The post holder will be required to deputize for the New Suild Projects Manager, and will also lead the small Architectural Design Oroup within the Section. Applicants should have at least 3 years experience since qualifying to RIBA.

ASSISTANT QUANTITY **SURVEYOR**

£7,920 to £10,639 pa (pay award pending).

The duties will include the preperetton of Bills and Specifications, measurement of works in progress, accounts, and lieison with specialist consultents/sub-contractors.

Applicants should have at least 3 to 4 years experience and be quelifying towards RICS.

Soth posts carry an essential user car allowance and therefore a closn current driving licence is necessary and relocation expenses of up to £2,500 will be payable in approved cases. Application forms available from Mrs Louic Read, Manpower Scruces Section, Civic Offices, Leigh Road, Eastieigh, Hanis SO5 4YN or telephone Eastiaigh 614646 ext. 3054 and arc to be returned by 11 July 1986.

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Architectural Assistants

Professional & Technics Officers £6,365 to £10,675 (including inner London Weighting)

Technical Grade I £7,165 to £6,965 (including inner London Weighting)

The Property Services Department of the Matropolilen Police Office has a number of vacencies in existing project the process of formi

The teams undertake the design and construction of new courts. Polica Stotions, Offices, residentlet buildings, laboratories, computer installetions etc. In eddition there are vacancies in teams dealing with alteretion and extension work offering veluable sits experience.

Succeasiul candidates will be expected to make a positive contribution to the work of the learn and initiative to

The Diffice is recognised for treining purposes and ancourages stell in all sepects of professional training including day release.

Qualitications For PTO you naed DNC/BTEC/ SCOTVEC(NC) or the equivelant or higher in the appropriate subject plua practicel exparienca.

For Technical Grade 1 you need a City & Guilde Advanced Craft quelitication end have aerved a recognised epprenticeship, or passes at GCE 'D' level or CBE (Grade 2). Several years practicet experia noa ara also raquired.

Application forms end jurther details are evalleble from the Eslabiishment Otticar, Matropolitan Police Ottice, Room 213 (PSD/AA), 105 Regency Streat, London SW1P 4AN or Islephona 91-230 3122 (24 hour answering service).

The Metropolitan Potice Office is an equal opportunities

METROPOLITAN POLICE OFFICE-

HAYANT BOROUGH COUNCIL TECHNICAL SERVICES DEPARTMENT

POST T 506 - ARCHITECTURAL **ASSISTANT** SO1 £9975-£10638

There is a vacancy in the Architects' Section for a suitably qualified Architectural Assistant to work on a variety of projects of all sizes both individually and as a member of a small team.

The successful applicant will be able to exhibit design flair tempered with a sound practical knowledge of building

Oisabled persons may apply as appropriate. The post is subject to an attractive range of nationally and locally negotiated conditions of service. Relocation assistance and housing will be provided in appropriate circumstances.

> Application forms and further particulars from: Director of Technical Service layant Borough Council Civic Offices Civic Centre Road Hampshire Hayant 474174 Ext. 174

> > **BOROUGH OF**

DIRECTORATE OF TECHNICAL SERVICES

DEPARTMENT OF ARCHITECTURE

SENIOR ASSISTANT ARCHITECT

Property

Architect

Architect

Architect

nine professional daciplines.

SOUTH TYNESIDE

Application forms for the following posts may be obtained from

from the Chief Personnel and Management Servicas Officer, Westoe Hall, Wastoe Villege, South Shields (Telaphone Tyneside 4554968) and should be returned by *Noon* on 11th July 1986.

POC £11,850 - £12,885 p.a.
The Department of Architecture, although contained within the Directorate of Technical Services, is the executive responsibility

The successful candidate will be expected to make a significant contribution to a large and varied ranged of projects for the multi-purpose Authority, ensuring interest and opportunity for design

This is a re-advertised post, previous applicants need not apply.

The post gives the opportunity to become involved in a wide renge of architecturel projects currently being undertaken by the multi-purpose Authority.

This is a re-advartised post, previous applicants need not apply.

Commancing salary commensurete with qualifications and

Architectural Assistant /

Architectural Technician

The Property Department covers the complete concept of

property management and le organised in aix Divisione ecrose

Applications ere invited for the above posts based in the Design

Division which is a multi-disciplined prectice of Architects. Mechenicel, Electrical and Structurel Enginears, Land Surveyora and Landscapa Officers with responsibility for the

formulation of design policy and its implementation in respect of

all services of the County Council, including the Capital Suilding

Successful cendidetes will be expected to mast the following

To be Registared, prefarably a member of the RIBA, and with

several years of post greduete experience in the design and

To hold a degree/diploma in architectura and be a competent

designer with a sound knowledge of building construction

To have a aound knowledge of building construction and

If you are intarested in either of the above posta and feal that you

could become a useful mamber of the Property Department, pleasa write to the Head of Manpower Services at County Hall, Bedford MK42 9AP (SAE Please) or ring Sedford 228288 for an

application form; or for an informel discussion talephona that Design managar, Mr. 8. Dickinson, at County Hall on Sections

The Council is an equal opportunity amployer, and walcomes

applications from mambers of athnic minority groups, disabled

A Nuclear Free Zone:

parsons and ell other sections of the community.

SO1/PO1 £9,975-£12,168 pay

award

pending

regulations, praferably with HNC Suilding or equivalent.

\$3/6 £8,234-£9,591

Sslary: PO1/2 £11,280-£12,885

Architectural Assistant/Architect

Architectural Technician

Hours: Full Time

(0234) 63222 extension 2445.

Ciceing data: 11th July 1986.

ASSISTANT ARCHITECT £8,979-£11,604 p.s.

SHEFFIELD COUNCIL Working for a better City

If you are anthualastic, crontive, highly motivated and committed to the community approach to public-sector lipusing work, then this job could be for

ARCHITECT

Sc5/SO2 £7,920-£11,604 according to age and experience. |Pay award pending with affect from let

July 1889].

Shaffield has recently re-organised its Architecte Department to create are teams that provide all the architectural services for 15 area based Housing Management reams. Architects are now working desely with tensity and housing staff on a wide range of exciting schemes. These include new building infill schemes, comprehencive modernisation schemes for interversed popular states, high rise blocks and individual Victorian houses; anveloping schemes on private houses and area based housing offices. Will work insured group of architects and technicions and should ideally have several years out elementaries and be size to demonstrate a high level of design ability. Ear an interval set for the demonstrate or high level of design ability. Ear an interval set for the states of the set o ote a high level of design ability. For an informal talk and further

APPUCATION FORMS AND FURTHER DETAILS FROM THE PER. SONNEL SECTION, DEPARTMENT OF SUILDING SERVICES, CITY PLAZA, PINFOLD STREET, SHEFFIELD S1 20U. YEL. 0742 764112.

As an Equal Opportunity Employer we particularly welcome application from women, black people and people with disabilities.

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ENGINEER AND SURVEYOR'S DEPARTMENT

cheese sulg (gelbest braws) 189.01 or quyales 8 / 5 stace

A chellenging opportunity erises for an experienced, dynamic, self-motiveting person to fulfil their career sepirations in the field of building end property

MAINTENANCE OFFICER

The successful candidate will be able to provide a technical advisory service to be housing maintonence function in addition to personally administrating, expervising and controlling selective meintenance works undertaken by private contractor. The scope of reconcibility will include Council owned Industrial units, pubb buildings and housing stock in a designated area. Condidates for this post will be considered to the post wil airsedy how experience in the field of building maintenance and be site towns concide work epoblications constituting part of the department's tentering procedures.

ideally, applicant cloriths post will have sleady achieved the minimum require of 8.T. E.C. Higher National Carillicate in Guilding Studies or expect to be seen

Ganaffic Include 100% removal expenses, assistance with relocation and looping



Application forms and lob description Management Baryloas Officer by telaphoning Ocyantry 71100 extension 222 and chould be returned by 18th

DAVENTRY DISTRICT COUNCIL

HOUSING DEPARTMENT

Liaison surveyors

£14,202-£15,342 (PO3). Rst BD/6/6965

Southwark Surveyore le part of Tachnical Services (comprising Surveyors, Engineering Services and the Council's Direct Labour Organisation), which raporte direct to the Director of Housing. The Division activaly ancourages a multi-disciplinary approach to its work under the direction of Mr. William Box, FRICS, Chiaf Suilding Surveyor, Mr. Richard Alkinson, FRICS, Assistant Chief Building Surveyor and Mr. Alan Gerton, Dip.Arch. (Oxford), Assistant Chief Building Surveyor. The Division is responsible for a large capital rahabilitation meintenance and improvement programme to the Council's housing alock of some 62,000 properties: more than £20m. In 1985/86, with the professional work being undertaken by both internal and Consultant Surveyore and Architecta. The Council is also committed to close tenent listage and participation in the Southwark Surveyore le part of Tachnical Services (comprising la also committed to close tenent liaison and perticipation in the decision making process and en integration between the technical and housing management functions.
The role of the Lielson Burveyor is to act as an interface between the professional in-house staff with Consultants. between the professional in-house stall with Consultants. Housing Management and tenant groups. The posts offered are challenging and demanding with responsibility for ensuring proper consultation, production and lesuing of briefs, maintaining highest possible standards of pralend post building control work, ensuring predetarmined contract programmes are matland the financial control of expenditure. Applicants should preferably be Chartered Building Surveyors, Architect or Engineers with at least five years post qualification experience, ellhough consideration will be given to hose applicants who can either demonstrate relevant part qualification or axtensive experience in similar or related fields. Applicants must be able to demonstrate management and Applicants must be able to demonstrate management and communicative skille of a high order. Due to the constantly changing pressures creeted by external influences within this aphere of local government, the work is interesting and varied, but in return requires a flexible and innovated approach with ability to work under pressure, Although local government experience would be an advantage, we are seeking the type of pplicent who can demonstrate manageriel ekilla thei may been ecquired within the Private Sector.

The Division is committed to positive development of lenant consultation and an innovated approach to its work which will require frequent work outside normal working hours. For an Informal discussion about this post, please contact either Mr. Richard Atkinaon, Assistant Chief Building Surveyor or Mr. James Bates, Principal Lielson Surveyor, on 01-703 0877

APPLICATIONS ARE WELCOME FROM RECENT GLC OR MCC EMPLOYEES

welcome from candidates regardless of sex or ethnic origin from registered disabled persons. Telephone 01-701 2870 (24-hour enswering service) any limit

for an application form, or write, on a postcard, to: The Personnel Officer, London Berough of Southwark, 25 Commercial Way, London, SE15 SDG. Last date for receipt of completed application forms: 23.7.85

Southwark

a London borough

SOUTH RIBBLE BOROUGH COUNCIL DEVELOPMENT AND PLANNING DEPARTMENT

Architectural Technician

These posts are located in the Davelopment Section which is responsible for the Council's capital building programme comprising new-build scheme, housing improvements, public buildings and general environmental improvements. Duties will Involve all types of work from sits survey to completion of

Applicants, who should hold an HNC in Building Construction or equivelent qualification, must be able to demonstrate allround competence in the preparation of working drawings and specifications and have a sound knowledge of the Suliding Regulations, other current legislation and standards applicable to building construction generally.
Salary in both cases will be according to qualifications and

experience. Car allowance will be paid. Assistance with remove expenses and housing may be provided in appropriate cases. South Ribbie is a mixed urben rural district situated at the hear of Centrel Lencashire within easy reach of the Lake District, Fylda Coast and the Penninee.

Please send a lerga stamped addressed envelope for application form, further details and job description to Menpower Services Unit, Civic Centre, West Peddock, Leyland, Lancs, PR5 1DH. Closing data 21 July 1986.

METROPOLITAN BOROUGH OF WOLVERHAMPTON

DEPARTMENT OF TECHNICAL SERVICES INTERIOR DESIGNER

Salary Scala 56-501 £8,979-£10,638 Applications for the above post, located in the Architects' Division, are invited from qualified Designers with a flair for producing high quality presentation materials.

he post holder will provide a design, specification and advisory service on hierier, furniture and graphic design matters in support of project teams concerned with the design, specification and construction of the Council's Lapital and Revenue Programme.

It is enviseged that the successful candidate will have completed a recognised full time Design Course, with the M.S.I.A.D. or equivalent and will have had some experience in a Design office or similar working

casual users car allowance is attached to this post.

Application form and job descriptions from the Director of Technica Services, Chric Centre, St. Peter's Square, Wolverhampton WV1 1RW. Gosing date 25th July 1966.

olverhampton Council welcomes applications from all sections of the ommunity, irrespective of an individual's sex, ethnic origin or colour and om people with disabilities who have the necessary attributes to do tha

WOLVERHAMPTON the pace setter

LONDON BOROUGH OF HARINGEY

ARCHITECTS/ASSISTANTS/ **TECHNICIANS**

£8,577-£12,825 (Scale 5 - PO1)

The North Tottenham Team is a progressive, non-hierarchical service comprises multi-discipline teams of administrators, architects, eleris of works, engineers and quantity surveyors. We are committed to the Council's policies of equal opportunities, accountability to the focal community and the development of polective responsibility voris which will provide swimming pools, library, theatre, recording studios, sports and

We are looking for people with a range of skills who can actively contribute to the

The above posts are permanant positions. However, temporary employment arrangements may be considered. Job share is a possibility.

Our office is currently situated at Crouch End, London NS, and the usual excellent local government working condition apply, including flexitime, post entry training, automatic progress and financial assistance with removal expenses.

For further information, piease telephone Terence Butcher on 01-340 2255 Extra 235. For application forms confect Meners Marshall on 21-340 2021 Extra 949 or write to Building Design Service, Homsey Town Hell, The Broackey, Crouch End, London NE

Heringey is an equal opportunity amployer. We welcome your application considered on merit, irrespective of race, medial status, eccoratry disability Closing date 11th July, 1986. BY IS AN EQUAL OPPORTUNITY EMPLOYER

DEPARTMENT OF HOUSING & BUILDING BERVICER

ARCHITECT (Contract Post)

We era eacking a Project Architect to undertake a variety of challenging projects which include major new build Housing. modarnisetion and improvamente, and Laisure projects including a naw eports cantra.

You should be a Registered Architect and a mamber of the RIBA with some relevent experience. This post would be suitable if you are recently qualified and seaking further experience. The position is based at Lewes, which is about 1 hour from London by Irein, and the District Iteelf ancompassas a coastal etrip and a large area dealgneted as of Dutatanding Natural
Baauty.

The position elirecta a Car Allowanca, and a comprehensive
Removal and Distribution Sohems and temporary accom-

modellon is evallable in certain approved cases. initially, the Contract will be for 2 years, raviewed at the and of

thet period on a basis of future workload. For Informal discusson plassa contact Mr K Sanyon-Tinkar (Chief Architect), Lewes 471600 axt. 284. Closing data: 11th July 1988.

For application form and further datella contect: The Perconnel Department Lewes District Council 187 High Streat



East Buasex SN7 2DE Talaphone: Lawee 471800 axt. 313 (24 hour answering service)

THAMES POLYTECHNIC Incorporating Avery Hill College SCHOOL OF SURVEYING Oakfield Lane, Dartford

SENIOR LECTURER IN BUILDING TECHNOLOGY. MANAGEMENT AND SURVEYING

optications are invited from individuals with appropriate teachi of professional experience, previous teaching experience is preferred. Duties will include teaching Building Construction, Maintenance Technology and Maintenance Management to degree students. Applicants should have qualifications and/or experience in Building Surveying, Building or Construction Management.

Salary scale: £12922-£14319 (bar) - £15309 inclusive.

Prospective applicants are welcome to contact John McWilliam o Rogar Jones on 01-854 2030 Ext. 535 for an informal discussion. Further particulars and application form from the Staffing Officer, Thomas Polytechnic, Weilington Street, London SE18 6PF, to be returned by 8 July 1986.

Thames Polytechnic is an equal opportunities employer.

NORTH WESTERN REGIONAL HEALTH AUTHORITY

Senior Architect Manchester

Salary £10,051 to £12,528 p.s. (Pay award pending) The NHS Estate of this Authority comprises 190 health complexes and serves a population of 4.4 million. Capital investment of some

£600 million is planned over the next 10 years. We require a Senior Architect to work independently on small projects or as a member of a multi-disciplinary team on large projects. Duties may include: the preparation of feasibility studies; design; contract control; liaison with other members of the Planning and Design Teams.

Facilities are excellent and include an 'Acropolis' drafting and

design system.

You must be a Registered Architect and preferably be a corporate member of the Royal Institute of British Architects. Experience in the design and construction of small projects or involvement with design teams engaged on medium sized projects is essential.

Application form and job description from Regional Personnel Olvision, Gateway House, Piccadilly South, Manchester, M60 7LP. Tal: 061-236 9456, Ext. 614. Pleasa quote reference number BS4. Closing Date: 18th July 1986.

> NORTH TYNESIDE METROPOLITAN BOROUGH COUNCIL **ARCHITECTS DEPARTMENT**

ARCHITECT **ARCHITECTURAL ASSISTANT**

(Ref. No. 167/86) SO1 or P.O. 1-4 (£9975-£10638) or (£11280-£12168)

As a result of an increasing workload the above post has been identified as being the Capital Programme. The successful applicant will join a team angaged in a varied w build, adaptetion and modernisation projects and v to be interested in a wide range of building work.

Commercials seem year to be performed by the series of the properties cases.

Some of appointment, Relocation expenses will be paid in appropriate cases.

Further details about the post please contact Arr. I Brown on Tyneside (091) 266 4911

Closing Date: 11th July 1986. 'R is the policy of this Council to provide equal employment opportunities and All be given to adjust tably experienced and qualify of disability, sex, race and marital status.



KIRKLEES METROPOLITAN COUNCIL Directorate of Technical Services

LANDSCAPE ASSISTANT -- Post No 393410 Salary: Scale 5 £7920-£8697

Applications are invited to Join an enthusiastic Landscape Team Involved in a wide range of landscape work including land reclamation, Housing, Education, Social Services, Countryside and Recreation projects.

Candidates will be expected to demonstrate a high standard of design and Landscape Instituto, A current driving licence is essential.

QUANTITY SURVEYING ASSISTANT/TECHNICIAN Post No 391100

Closing date Monday 14 July 1986.

Based in the Quantity Surveying Section of the Directorate Duties include assisting Quantity surveyors in the preparation of 84s of Quantities, with the measurement of specific parts of projects, using computer aided taking off programs, checking arithmetical calculations, reading over and checking billing and contractors' interim applications. Measurement on site of variations and preparation of monthly valuations under the guidance of a Quantity Surveyor and any other duties as may be required.

Grader Scale 4 £6900-£7713

deants must have passed the first examination of the RICS or hold a Higher onal Diploma or a Degrea in Quantity Surveying or have MSST and must have some practical quantity surveying experience. Closing date 7 July 1986.

cation forms for the above 1 poets from the Personnel Office, toyete of Technical Services, PO Box 875, Cycle Centre, Market Breet, terrifield HD1 BNA. Tell Huddle 873.8 Ext. 854 and are returnable to the Director D.C.W. Yane REA by closing dates shown.

The Council Operates a Trade Union Membership Agreement.

An Equal Opportunity Employer.

HAYANT BOROUGH COUNCIL

TECHNICAL SERVICES DEPARTMENT

ARCHITECT — NEW POST

PO1-4 £11280-£12168

This is a new post for an enthusiastic qualified architect in a group comprising architects, building and quantity surveyors. The post is for an all rounder with expertence indesigning housing layouts and major conversion and modernisation works.

Olsabled persons may apply as appropriate.

The post is subject to an attractive range of nationally and locally butated conditions of service. Relocation assistance and housing will be provided in appropriate circumstances.

Application forms and further particulars from:
Director of Technical Services
Havant Borough Council
Civic Offices
Civic Centre Road Havant Hampshire PO9 BAX Telephone Havant 474174 Ext. 174 Closing Date: - 16th July, 1986.

ARCHITECTS

Salary ranga £9,976 to £12,168; starting grade and salary commansurate with experience (a national pay award ledue in July). Essential User car allowance or car leading fecilities. Two regletared erchitects, with appropriate qualifications and experionce, era required to assist with the Scrough Council's design programma which includes offices, housing, amenitie end generat purpose buildings. Atthough such fully qualified parsone ere proferrod, consideration will be given to exportanced erchitectural technictens, who should hold at least ONC In Building Construction or Mombership of SAAT, for eppointment et a selery up to £9,591 meximum.

Excallant conditions of sarvica include the reimbureement of cenam retocetion expenses up to £2,000; tocal outhority housing or temporery lodging ellowence: generous loeve: saleries paid mid-month; essisted cer purchese scheme. Bedford is a market town of pleasing character and contrast.

reach by road and rell of London and most other parts of tha country. Application forms and further details obtainable from Pater Mcintosh, Recruitment Difficer, Town Hati, Sedford MK40 1SJ, telephone (0234) 87422 axt. 168.
Closing date 25th July 1986.

eituated in eppeeling Eest Anglion countryside yet within easy

North Bedfordshire **Borough Council**

CIVIL DEFENCE AUTHORITY

Building the new London Fire Brigade

The London Fire and Civil Delence Authority has been established to succeed the GLC in the provision, through the London Fire Brigade, of the capital's fire and rescue services and for developing plans for civil delence and for dealing with major disasters and civil emergencies. A new Property Management Branch has been set up to maintain and develop the Authority's varied and substantial property holding. including fire stations, divisional headquarters, training lacilities and emergency centres. The Branch will use both in-house and contract services and we are now secking someone to undertake this work which is essential to the provision of effective emergency services for London.

Architect/ **Building Surveyor** £13,725-£15,525

organising, designing and supervising new build, conversion, rehabilitation, minor works and planned building meintenance projects. You will be involved in all stages of building projects, including liaison with client managers, technical staff in five operational command areas and consulants and contractors engaged by the Authority. Responsibilities will include producing, supervising preparation and checking design and working frawings, schedules and specifications and consuring proper progress and financial control of allocated projects.

Candidates should be fully qualified with experience of working on both large and small projects and of monitoring and supervising the work of consultant professional stall an and supervising the work of consultant professional stall and contractors, both on and off site. Ref. FB094.

For further details and an application form, picase telephone Keith Blake on 01 587 4860 or 01 587 4875 forum phone). Completed explication forms must be returned to: Recruitment Section, London Fire Brigade HQ. Albert Embankment, London SE 1750 by 11th July 1986. Please quote the reference number.

The London Fire and Civil Defence Authority is an equal pportunities employer. London

Fire Brigade



